CONSTRUCTION NEWS

Engineering News-Record, Nov. 19, 1925

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

N. Y., East Aurora — Plans extending mains in various streets, $15,000; and extending sewerage system, $13,000.

N. C., Four Oaks—Election Dec. 8, $32,000 bonds, waterworks. N. H. Barber, city clk.

N. C., Murphy — Plans filtration plant, 500,000 g.p.d. capacity. $30,000. J. B. McCrary Eng. Co., Citizens & Savings Bank Bldg., Atlanta, Ga., engrs.

Fla., Kissimmee—Election Dec. 5, $100,000 bonds, mains in various streets.

Fla., Williston — Voted $50,000 bonds, improving waterworks.

Miss., Magee — Defeated $40,000 bonds for waterworks. Project indefinitely postponed. Noted Oct. 29.

Mich., Berkley—Making plans extending 6 and 8 in. mains in Special Assessment Dist. 35. $15,000. R. A. Murdoch, 603 Transportation Bldg., Detroit, engr.

Minn., New Ulm—Making plans filtration plant. $40,000. F. D. Minium, city engr.

Kan., Humboldt — Making preliminary plans filtration plant. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, Mo., engrs.

Kan., Herndon — Making preliminary plans waterworks. $40,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Neb., Elgin—Making preliminary plans water distribution system. E. Gacy, city clk.

Mo., Bethany — Voted $45,000 bonds, waterworks.

Mo., Sweet Springs—Election Nov. 24, $65,000 bonds, waterworks and distribution system. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, engrs.

Tex., Devine — Election soon $35,000 or more bonds complete waterworks. Address Mayor.

Tex., Palestine — Plans waterworks extensions in various streets. $35,000. J. Teomer, Palestine, engr.

Tex., Paris — Plans 750,000 gal. water filter bed. $50,000. W. J. Hicks, Paris, engr.

Tex., Pottsboro — Election soon $40,000 bonds, waterworks. Engineer not announced.

Tex., Sherman—Making preliminary surveys waterworks plant, etc. $50,000. Bond election upon adoption of plant. Address O. J. S. Ellington, city mgr.

Tex., Wichita Falls—Election within 6 months $100,000 bonds, waterworks improvements, incl. piping water from Lake Wichita and filtration plant. Address City Engineer.

Calif., Inglewood—Plans election $65,000 bonds, extending waterworks.

Calif., Reedley—Making plans 14 in. well, auxiliary gasoline pumping plant, 259 gal. per min. A. Shaw, supt. Waterworks.

Calif., San Rafael — Marin Municipal Water Dist. voted $1,500,000 bonds, waterworks extensions. Noted Aug. 20.

Ont., Barton — Township Council plans 250,000 Imperial gal. tank, etc., for new water supply from Hamilton. $50,000. Lumsden, Court House Bldg., Hamilton, engr. Noted Sept. 17.

BIDS DESIRED

R. I., Westerly—Westerly Water Works, taking bids 2 story, brick and steel pumping station, incl. machine shop. $25,000. W. T. Arnold, 34½ West Main St., Meriden, Conn., engr.

N. Y., Brooklyn — Nov. 24, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Bedford, Howard, Washington Aves., etc., here.

N. J., Lavallette—Nov. 24, by Boro, H. A. Whitelock, clk., pumping machinery, electrical equipment, etc., for water supply system. Sherman & Sleeper, 501 Cooper St., Camden, boro engrs.; adv. E. N.-R. Nov. 19.

Pa., Williamsport—Dec. 1, by Williamsport Water Co., 253 West 4th St., 4 m.g. earth embankment, concrete paved equalizing reservoir Morris Knowles, Inc., 507 Westinghouse Bldg., Pittsburgh, engrs.; adv. E. N.-R. Nov. 19.

Md., Baltimore—Nov. 25, by Bd. Awards, valves and hydrants to Bureau Water Supply. V. B. Siems, City Hall, water engr.

Ind., Bloomington—Dec. 9, by City, L. B. Lewis, mayor, water filtration plant. $200,000. Pierce, Greely & Hanson, 6 North Michigan Ave., Chicago, Ill., engrs.; adv. E. N.-R. Nov. 19.

Tex., Palacio—Thirty-Sixth Natl. Guard, E. Vandevanter, mgr., taking bids waterworks, incl. 6 in. artesian well, 50,000 gal. wooden receiving tank, 50,000 gal. elevated steel tank, 135 ft. high, 20 to 25 hp. gasoline engine, etc. $40,000. Private plans.

Okla., Wewoka—Dec. 7, by D. R. Fraser, city clk., impounding reservoir, earth dam and 14,000 ft. 12 in. c.i. flow line, 70,000 cu. yd. earth and 7,400 cu.yd. rock excav. $90,000. V. V. Long & Co, 1300 Colcord Bldg., Oklahoma City, engrs. Noted Oct. 8.

BIDS RECEIVED

N. Y., Brooklyn — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Nov. 10, mains in St. Nicholas Ave., etc., here, from Wataga Contg. Co., 308 Lenox Ave., New York City, $14,800. Noted Nov. 5.

N. Y., Brooklyn — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Nov. 13, mains in Battery, Central, Euclid, Narrows, Remsen Sts., etc., from Knight & De Micco, Inc., 448 East Tremont Ave., New York City, $16,800. Noted Nov. 5.

N. Y., St. George — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Nov. 13, mains in Augusta, Cheves, Clove, Cromwell, Forest, etc., here, from N. De Stefano & L. Vignola, 257 Glenn Ave., Tompkinsville, $20,787. Noted Nov. 5.

N. Y., St. George — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Nov. 10, mains in Richmond Turnpike, Bay and Canals Sts., here, from Wataga Contg. Co., 308 Lenox Ave., New York City, $47,264. Noted Nov. 5.

Pa., Phila.—Dept. Pub. Pub. Wks., Bureau of Water, Nov. 12, switch board and wiring for Oak Lane Pumping Station, Contr. 779, from Ross Electrical Constr. Co., 106 Fairmount Ave., $12,100; 2,000 tons 6- to 12-in. c.i. mains in various streets, Contr. 281, from M. and J. B. McHugh, 892 North Markoe St., $282,803; and 50,000 lb. piglead, Contr. 782, from United Lead Co., 226 South 5th St., $0.1035 per lb.

O., Cleveland — Comrs. Cuyahoga Co., 11,006 ft. 6 and 16 in. c.i. mains in Lake Rd. (Rocky River), Impvt. 654, from Winterbottom-Connelly Co., 1406 West 25th St., $81,141. Noted Oct. 20.

Ia., Cherokee — State Bd. Control, Des Moines, concrete reservoir, 2 pump houses, 6 in. pipe line, sewer work, etc., for Cherokee State Hospital, here, from Repass Bros., 3832 8th St. Pl., Des Moines, approximately $18,000.

CONTRACTS AWARDED

N. Y., Long Island City — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, 30 in. steel main, etc., in Beach and North Channel Viaducts, Jamaica Bay Blvd., here, to Mid-West Constr. Co., 189 Montague St., Brooklyn, $581,760; and mains, etc., in various avenues, here, to Stanhy Constr. Co., Steinway Ave., $24,787. Noted Nov. 12.

N. Y., St. George — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in South Ave. and Woodrow Rd., here, to Wataga Contg. Co., 308 Lenox Ave., New York City, $25,930. Noted Nov. 12.

La., Alexandria—Rein.-con. reservoir, to E. E. Rabalais, Bunkie, $10,840; pumping equipment, etc., to A. M. Lockett & Co., 521 Baronne St., New Orleans, approximately $20,000.

Neb., Hastings—See "Sewers."

Mo., Sedalia — City Water Co., earthen dam with concrete core wall and spillway, incl. approximately 130,000 cu.yd. excav., and 1,400 yd. concrete work, etc., to Cook-O'Brien Constr. Co., 430 Ry. Exch. Bldg., Kansas City, $107,500. Noted Oct. 29.

Tex., Corpus Christi — City, filtration plant at Calellen for Corpus Christi Waterworks, to Sumner-Sollitt Co., c/o Natl. Bank of Commerce Bldg., San Antonio, $43,264. Noted Oct. 15 under "Calellen."

Sewers

PROPOSED WORK

Mass., East Boston (Boston P. O.) — Dept. Pub. Wks., Boston, plans rebuilding pumping station at lower end of Maverick St. to correct Porter St. overflow, here. $700,000. J. A. Rourke, comr.

N. Y., East Aurora—See "Waterworks."

N. C., Four Oaks—Election Dec. 8, $38,000 bonds sewers in various streets. N. H. Barber, city clk.

Fla., Kissimmee—Election Dec. 5, $250,000 bonds, sanitary and $40,000 bonds, storm sewers in various streets.

Fla., Stuart—Voted $75,000 bonds, sewers in various streets. R. E. Ensey, Stuart, engr. Noted Oct. 15.

Fla., Williston — Voted $65,000 bonds, sewers in various streets.

O., Dayton—Montgomery Co. soon takes bids 8- to 24-in. vitr. sewers in College Hill and Cornell Heights Sanitary Sewer Dists. $120,000. P. E. Borchers, U. B. Bldg., co. sanitary engr.

Mich., Detroit — Hudson Motor Car Co., East Jefferson Ave., plans 1,261 ft. 2 bbl. each 5 x 7 ft. rein.-con. conduit, to sustain 5,000 lb. weight, along easterly wall of proposed Connors Creek Sewer, in vicinity of Jefferson Ave. Private plans.

Mich., Detroit—Sheldon Land Co., made plans 17,097 ft. 12- to 36-in. vitr. crock and concrete sewers in Rosedale Gardens subdivision. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engr.

Mo., Bethany — Voted $25,000 bonds, sewers in various streets.

Mo., Moberly — Election soon $50,000 bonds, sewage disposal plant.

Tex., Amarillo — Making preliminary plans sewage disposal plant, incl. Imhoff tank, sprinkling filters, etc., $52,000; 1½ mi. 15 in. vitr. tile sewers from edge of city to dispos..l plant, $25,000; also 10 mi. 6- to 12-in. laterals in various streets, $100,000. H. B. Jones, Amarillo, engr.

Tex., Beaumont—Election Dec. 15, $200,000 bonds sewer extension and improvements. Address O. J. Bloyd, city mgr.

Mo., Sweet Springs — Election Nov. 24, $45,000 bonds, sewers in various streets. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, engrs.

Ore., Portland—City Council plans trunk sewerage system in Willis Blvd. $121,085. O. Laguaard, city engr.

Calif., Alhambra — Made plans 43,226 lin.ft. 8 in. sewer, etc. in Dist. 10. H. E. Blake, city engr.

Calif., Eureka — Making plans sewer mains in Dist. 6, $94,000; sewer laterals and mains in Dists. 2, 3, 4 and 5, to exceed $369,000. F. H. Green, city engr.

Calif., Inglewood—Plans election $250,000 bonds, sanitary sewerage system.

Calif., Richmond—Making plans 31,000 ft. 6- to 12-in. vitr. sewer in section east of 23rd St.; and 21,000 ft. 6- to 12-in. vitr. sewer in section west of 23rd St. E. A. Hoffman, city engr.

BIDS DESIRED

Conn., Hamden (br. New Haven)—Nov. 23, by Sewer Comrs., Town Hall, sewage pumping station, Whitney Ave. and Armory St. $30,000 or more. Address Town Engineers.

Conn., New Haven — Nov. 24, by City, City Hall, storm sewers and appurtenances in Forest Rd., Central, Yale and Alston Aves., Tyron, Fountain and Barnett Sts. E. S. Nettleton, city engr.

N. Y., Brooklyn — Nov. 25, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, sewers in Avenue J, Eastern and Fort Hamilton Parkways, Linden and Stillwell Aves., East 37th and 58th Sts.

N. Y., New York — Nov. 24, by H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., sewers, etc. in Truxton St., Van Cortlandt Park South, Dudley and University Aves.

Pa., Overbrook (Phila. P. O.)—Nov. 24, by Boro Council, 10,200 ft. 33 and 36 in. rein.-con. sewers, etc. in Edgewood Ave. (Saw Mill Run Trunk Sanitary Sewer). T. J. McGovern, Municipal Bldg., engr.

Md., Baltimore—Nov. 25, by Bd. Awards, 760 lin.ft. 5 x 4 ft., 700 lin.ft. 4 x 4 ft., 520 lin.ft. 42 x 48 in. and 1,320 lin.ft. 30 x 33 and 36 in. brick and concrete drains, also 5,400 lin.ft. 8- to 15-in. vitr. sewer and 5,000 lin.ft. 6 in. underground drain in

Sewers (Continued)

Storm Water Contr. 87. M. J. Ruark, City Hall, sewerage engr. Noted Nov. 19.

S. C., Lexington—Nov. 24, by Sewerage Comn., City Hall, sewerage system, incl. 24,000 lin.ft. 8 in. vitr. clay or concrete pipe, disposal plant, etc. Carolina Eng. Co., 917 Johnston Bldg., Charlotte, N. C., engrs.

Fla., West Palm Beach—Dec. 3, by City Comn., storm and sanitary sewers in North Borough, Sewer Dist. 9, Contr. 9A. T. B. Henry, city engr.; adv. E. N.-R. Nov. 19.

O., Akron—Nov. 27, by W. F. Peters, dir. Pub. Serv., Hawkins Ave. Trunk Sewer, incl. 3,800 ft. 36 in. vitr. clay pipe in Sect. 2, $136,000, and 5,000 ft. 30 in. vitr. clay pipe in Sect. 3, $138,000. J. E. Root, Delaware Bldg., engr. Noted Jan. 22.

O., Columbus—Nov. 24, by W. H. Duffy, dir. Pub. Serv., extending 2,907 ft. 6- to 30-in. rein.-con. sewer in 18th Ave. from alley east of 4th St. to Grant Ave. $35,475. R. H. Simpson, city engr. Noted Aug. 13.

Mich., Holland — Dec. 16, by Common Council, intercepting and outfall sewers. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, Ill., engrs.; adv. E. N.-R. Nov. 19.

Mich., Jackson—Dec. 7, by City Clerk, high level intercepting sewer extension. J. E. Whittaker, city mgr.; adv. E. N.-R. Nov. 19.

Calif., La Habra—City Trustees taking bids 21,428 lin.ft. 10- to 15-in. vitr. clay and concrete or concrete and brick outfall sewer. W. G. Knox, Ramona Bldg., Santa Ana, engr.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Nov. 10, sanitary sewers in 158th St., etc. from Awexa Corp., Islip **(A)** $765,624 **(B)** $740,754; in 158th St., etc. from H. J. Mullin Contg. Co., Jamaica Ave. and 144th St., Jamaica **(A)** $734,082 **(B)** $696,657; 158th St., etc. from Marino Paino, 32 Court St., Brooklyn, $75,504; sewers and grading Polk Ave., from J. W. Murphy, 8866 26th St., Brooklyn **(A)** $37,004, and from Muccinni & Decker, 6102 18th Ave., Brooklyn, **(B)** $35,986. Noted Nov. 5.

Fla., Wauchula — Bd. Bond Trustees, Nov. 2, constructing sanitary sewers and water distribution system **(a)** concrete sewer pipe, bell and spigot water pipe **(b)** vitr. clay sewer pipe, bell and spigot water pipe **(c)** clay sewer pipe and centrifugal water pipe **(d)** clay sewer pipe and universal water pipe **(e)** clay sewer pipe **(f)** bell and spigot water pipe and **(g)** septic tank, from E. M. Scheflow, Elgin, Ill., **(a)** $119,004 **(b)** $119,991 **(c)** $115,897; from A. H. Guion, Gastonia, N. C., **(b, c and d)** each $157,044; from J. R. Vaughan & Co., Roanoke, Va., **(d)** $141,416; from Liberty Constr. Co., 1026 Detroit Savings Bank Bldg., Detroit, Mich., **(c)** $108,139; from Cumberland Constr. Co., Cumberland, Md., **(f)** $62,462; and from Z. B. Hayslip, Wauchula, **(g)** $1,299. Noted Oct. 8.

Ia., Cherokee—See "Waterworks."

Minn., St. Paul—Constructing St. Paul Ave. Sewerage System 1, from Thornton Bros., 318 Endicott Bldg., $72,837.

Colo., Denver—Sanitary sewers in Part A, Sub. Dist. 12, of West and South Side Sanitary Sewer Dist., from Pratt & Wahlgren, 2143 South Penn Ave., $24,305. Engrs. est. $35,000.

Calif., Pomona—Black & Veatch, engrs., 617 Ferguson Bldg., Los Angeles, sludge sewage treatment plant, here, from Oberg Bros., 3470 Hollenbeck Ave., Los Angeles, for City. $94,357. Noted Oct. 15.

CONTRACTS AWARDED

Conn., Greenwich—Sewer Comrs., sewage disposal plant for Sewer Dist. 1, Sound Beach, to M. Delfino, 77 North Highland Ave., Ossining, N. Y. $69,885.

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, **(e. e. means engrs. est.)** to P. J. Dolon Contg. Co., Snyder Ave. and East 56th St., sewer in West 33rd St. 71% e. e. $167,521; to Pic Vac Corp., in Stillwell Ave. 74% e. e. $20,153; to Nazzarro & Guerriero, West 9th St., East 12th St. 73.93% e. e. $8,781; and West 10th St., 69.97% e. e. $3,742; to Manmill Constr. Co., 2035 Douglas St., 62nd St. 82.4% e. e. $4,768, East 57th St. 81.8% e. e. $5,607, and 81st St. 81.8% e. e. $3,810; to S. Ambrosio, 1016 East 60th St., East 9th St. 74.95% e. e. $4,766 and Avenue K 78% e. e. $1,663; to A. W. Matarazzo, 1163 61st St., East 57th St. 74.66% e. e $4,368; to Tomassetti & Co., Inc., 1133 6th St., 93rd St. 77% e. e. $3,490. Noted Nov. 5.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., outlet barrel stave sewer, pumping facilities, etc., westerly end 5th Ave. near 10th St., to H. Johnson, Astoria Ave. and East 46th St., Elmhurst, $24,960; combined sewer, etc., in 133rd St., to Greenough Coppinger, Inc., 9301 86th Rd., Woodhaven, $2,056. Noted Nov. 5.

N. J., Camden—Pensauken Twp. Comn., vitr. sewers in Delaware Gardens, to N. J. Constr. Co., Dock St., Hackensack, $58,801.

N. J., Jersey City—Bd. City Comrs., City Hall, extending Jackson Ave. outlet sewer, to Sigretto Contg. Co., 1475 Woodhaven Ave.; Woodhaven, N. Y., $800,000. Noted Oct. 15.

Md., Baltimore — Bd. Awards, storm drains and sanitary sewers listed in Contr. 224, to P. Marocco, 638 South Linwood Ave., $123,991. Noted Nov. 2.

O., Cleveland—For 1,865 ft. 3 and 4 in. brick block sewers in Broadview Rd., to Manson Co., 716 The Arcade, $27,496.

O., Kenmore — Sect. B, Central Storm Water Sewer, from 16th St. northwest to point about 1,200 ft., to F. Barcio, Kenmore, $25,116. Engrs. est. $25,000. Noted Sept. 10.

Wis., Milwaukee—Dept. Pub. Wks., to J. Brogan & Sons, 211 Grand Ave., vitr. or concrete sewers in Atkinson Ave., $895; to H. O. Schaefer & Sons, 1149 East Mason St., Green Bay, in Grand Ave. $1,886, Lisbon Ave. $15,499; to W. T. Werner, 675 Hi-Mount Blvd., Chambers St. $1,761, Clarke St. $2,012, and 55th St. $12,744; to P. & L. Co., 1107 Humboldt Ave., Center St. $309; to Clayton Constr. Co., 929 Hackett Ave., Burleigh St. $34,419. Grand total $69,525. Noted Nov. 22.

Ia., Des Moines—See "Streets and Roads."

Neb., Hastings — City Council, 3,783 ft. lateral sewers in Dist. 106 and 15,203 ft. in Dist. 107, to A. A. Dobson Co., 801 1st Natl. Bank Bldg., Lincoln, $3,425 and $17,950 respectively and 3,610 ft. water mains in Dist. 66 and 322 ft. in Dist. 67, to C. Young, Hastings, $3,550 and $350 respectively. Grand total $25,275.

Mo., Liberty — E. B. Black, city clk., 8,686 ft. 8 and 10 in. vitr. clay sewers in Southeast Section, 2,344 ft. 8 in. vitr. clay sewer in Southwest Section, 3,705 ft. 8 in. vitr. clay sewer in Sewer Dist. 10, 3,315 ft. 6 and 8 in. vitr. clay sewer, etc. in Sewer Dist. 11 also 1,350 ft. 6 in. vitr. clay sewer in Sewer Dist. 12, to Halpin-Boyle Constr. Co., 709 Ry. Exch. Bldg., Kansas City, and 1,407 ft. 8 in. vitr. clay sewer in Northwest Section, to S. Fields, Liberty.

Calif., Oakland—Vitr. sewers in Fruitvale Ave. and Foothill Blvd., to J. Garden, 386 15th St., approximately $35,500. Noted Oct. 29.

Waste Disposal

PROPOSED WORK

Tex., Palacios — Thirty-Sixth Div. Tex. Natl. Guard, E. Vandeventer, mgr., soon takes bids incinerator for solid garbage.

BIDS DESIRED

Wis., Racine—Nov. 21, by H. A. Nelson, comr. Pub. Wks., remodeling garbage incinerator, incl. new furnaces, etc.

CONTRACTS AWARDED

Mass., New Bedford — Bd. Health, incinerator plant, 100 tons per 24 hr. capacity, to Superior Incinerator Co., Wilson Bldg., Dallas, Tex. Noted Aug. 13.

Bridges

PROPOSED WORK

North Carolina and South Carolina — Southern Ry., 1300 Penn Ave., Wash., D. C., B. Herman, ch. engr., plans 6 heavy bridges to replace lighter ones in North Carolina and South Carolina, one of bridges to be 625 ft. long over Yadkin River, near Idols between Winston-Salem and Charlotte, N. C. This corrects report in Oct. 22 issue.

Fla., Kissimmee—Election Dec. 5, $30,000 bonds, draw bridge over portion of Lake Tohopekaliga on Ocean to the Gulf Highway and inside city limits.

La., New Orleans—E. Watson, c/o Watson Williams Syndicate, 830 Common St., plans toll bridge over portion of Lake Pontchartrain, here. $5,000,000. Elliot-Harmon Eng. Co., Bank of Commerce Bldg., Memphis, Tenn., consult. engrs. Ford, Bacon & Davis, 115 Bway., New York City, N. Y., constr. engrs.

Tennessee — State Dept. Highways & Pub. Wks., Nashville, plans concrete and steel bridge over Loosahatchie River, Shelby Co. C. N. Bass, acting comr.

O., Dayton—Montgomery Co. voted $[illegible] 000 bonds, new highway bridges. W. Pease, Dayton, co. surv.

Ill., Chicago—Election Apr. 6, $7,000,[illegible] bonds new double deck bridge over river, North Wabash Ave., and double deck, Cass and Rush Sts. north to Ohio and K[illegible]zie Sts., Austin Ave., Illinois St. and Gr[illegible] Ave., etc. A. F. Gorman, city clk.

Wis., Racine—H. A. Nelson, comr. Pu[illegible] Wks., will receive plans and specification[illegible] Dec. 1, for 90 ft. steel bascule bridge, [illegible] ft. roadway and 6 ft. walks over R[illegible] River, at Main St. To exceed $25,000. [illegible]gineer not selected.

Neb., Omaha — Chicago, Burlington & Quincy R.R. Co., 547 West Jackson Blvd., Chicago, Ill., making plans remodeling southern part and extending 11th and Mason St. Bridge to connect with Burlington Postal Terminal. $35,000. A. W. Newton, ch. engr.

Missouri—State Hy. Dept., Jefferson City, making plans three 8 ft. and four 10 ft. slab spans, etc. over streams, three 20 ft. rein.-con. slab spans, etc. over Mackafish Branch, one 30 ft. and one 35 ft. rein.-con. deck girder spans, etc. over Dear Creek, and one 60 ft. steel truss span, etc. over Mormon Fork, all in Bates Co.; one 80 ft. steel truss and five 30 ft. rein.-con. deck girder spans, etc. over north fork Spring River, Barton Co.; one 40 ft. rein.-con. deck girder span, etc. over Cole Camp West, Benton Co.; four 35 ft. rein.-con. deck girder spans, etc. over Bryant Creek, Douglas Co.; three 100 ft. rein.-con. arch spans, etc. over Sac River, Greene Co.; three 45 ft. rein.-con. deck girder spans, etc. over Sulphur Creek, and one 30 ft. rein.-con. deck girder span, etc. over Pipes Creek, both in Howard Co.; one 35 ft. rein.-con. deck girder and four 20 ft. rein.-con. slab span, etc. over Missouri Pacific R.R. tracks, Iron Co.; two 10 ft. rein.-con. slab spans, etc. over McVey Branch, two 16 ft. rein.-con. slab spans, etc. over Brennon Creek, one 20 ft. rein.-con. slab span, etc. over Barnett Branch, one 20 ft. rein.-con. slab span, etc. over Freeman Creek, three 30 ft. rein.-con. deck and one 80 ft. steel truss spans, etc. over Goodwin Hollow, all foregoing in Laclede Co.; two 10 ft. rein.-con. slab spans, etc. on Sta. 444 plus 00, seven 20 ft. rein.-con. slab spans, etc. over Turkey Creek, three 20 ft. rein.-con. slab spans, etc. over Hickory Branch, three 30 ft. rein.-con. deck girder spans, etc. over Elk Creek, and one 40 ft. rein.-con. deck girder span, etc. over Little Turkey Creek, all foregoing in Linn Co.; three 44 ft. I-beam spans, etc. on Stations 18.1 plus 74.5, 91 plus 10.2 and 150 plus 88.8, all in New Madrid Co.; one 30 ft. I-beam span, etc. on Sta. 385 plus 24, one 40 ft. I-beam span, etc. on Sta. 26 plus 18.6, one 50 ft. I-beam span, etc. on Sta. 10 plus 52.2, one 70 ft. steel truss span, etc. on Sta. 265 plus 91.8 and one 85 ft. steel truss span, etc. on Sta. 400 plus 44.9, all foregoing in Scott Co.; one 24 ft. I-beam span, etc. on Sta. 6.37 plus 90.9 one 34 ft. I-beam span, etc. on Sta. 55.2 plus 49.5, one 35 ft. I-beam span, etc. on Sta. 679 plus 57.1, one 40 ft. I-beam span, etc. on Sta. 738 plus 87, one 44 ft. I-beam span, etc. on Sta. 604 plus 8.6 and one 120 ft. steel truss span, etc. on Sta. 684 plus 83.1, all foregoing in Stoddard Co.; one 20 ft. rein.-con. slab span, etc. over branch Turkey Creek, 45 ft. rein.-con. deck girder span, etc. over Turkey Creek, one 45 ft. and two 30 ft. rein.-con. deck girder spans, etc. over Bear Creek, one 20 ft. rein.-con. deck girder span, etc. on Sta. 683 plus 08, all foregoing in Wayne Co.; and two 25 ft. rein.-con. deck girder spans, etc. over Prairie Hollow, Wright Co. B. H. Piepmeier, highway engr.

Tex., Abilene—See "Streets and Roads."

Tex., Angleton—See "Streets and Roads."

Tex., Sanderson — See "Streets and Roads."

Ont., Bridgeburg—Plans steel and cement bridge over Railway Cut. $145,000. James, Proctor & Redfern, 35 Toronto St., Toronto, engr.

BIDS DESIRED

N. Y., Yonkers—Dec. 7, by Bronx Parkway Comn., 72 West Pondfield Rd., Bronxville, Bronx River Parkway Dr. Bridge of stone and rein.-con. over Bronx River Parkway Dr., at Yonkers Ave., here. J. Downer, ch. engr.; adv. E. N.-R. Nov. 19.

South Carolina—Dec. 15, by State Hy. Dept., Columbia, 1,415 ft. open spandrel rein.-con. bridge over Congaree River, on State Route 2 and 12, Federal Aid Project 251, in Richland and Lexington Counties, incl. 1,500,000 lb. reinforcing. Address State Highway Engineer, Columbia.

South Carolina—See "Streets and Roads."

Ala., Mobile — Jan. 4, by Mobile Bridge Co., Meaher Bldg., construction complete

Bridges (Continued)

(except earthwork, embankment, dredging and paving) bridge over Mobile Bay, etc. Harrington, Howard & Ash, Kansas City, Mo., consult. engrs.; adv. E. N.-R. Nov. 19. Noted Sept. 10.

Tennessee—See "Streets and Roads."

Ill., Chicago—Dec. 10, by H. E. Wallace, clk. Sanitary Dist. of Chicago, 910 South Michigan Ave., metal work for superstructure 188 ft. double leaf trunnion bascule bridge over Main Drainage Channel of Sanitary Dist. of Chicago, at South Crawford Ave. Total $1,500,000. M. Eller, chn. Com. on Finance. Noted July 9.

Kan., Ottawa—Nov. 25, by E. M. Cusick, city clk., City Hall, 3 span 225 ft. continuous plate concrete deck girder bridge, 61 ft., on concrete piers and abutments, gunite encasement, etc., over Marais des Cygnes River, at Main St. $100,000. Harrington, Howard & Ash, Orear-Leslie Bldg., Kansas City, Mo., engrs. Noted Nov. 12.

Kan., Stockton — See "Streets and Roads."

Tex., Crockett—See "Streets and Roads."

Tex., La Grange — See "Streets and Roads."

Washington—Dec. 1, by State Hy. Dept., Olympia, one 50 ft. rein.-con. T-beam bridge over Wapato Canal on State Rd. 9 between Union Gap and Parker, Yakima Co., incl. approximately 750 ft. rein.-con. retaining wall, etc.; also 6 short concrete span bridges and 3 concrete box culverts on State Rd. 9 between Grand Mound and Elma, Thurston and Grays Harbor Counties. J. W. Hoover, highway engr.

Calif., Carlsbad—Nov. 30, by State Hy. Comn., Sacramento, one 27 ft. two 31 ft. and two 32 ft. span rein.-con. girder bridge over Atchison, Topeka & Santa Fe R.R. tracks, near here. R. M. Morton, Forum Bldg., Sacramento, highway engr.

BIDS RECEIVED

Pa., Phila.—Bureau of Highways, Dept. Pub. Wks., Nov. 10, from J. J. McHugh, 1617 Race St., grading Ludlow St. between 45th and 46th Sts. $1,829, from T. Conner, 3621 North 5th St., Tulip St. between Decatur and Rhawn Sts. $832; from Barber Asphalt Co., 239 North 30th St., asphalt paving B St. between Loudon and Eleanor Sts. $3,655, Leiper St. between Church and Adams Sts. $12,411, Ludlow St. between 47th and 48th Sts. $7,115, Marsden St. between St. Vincent and Cottman Sts. $4,532, and Torresdale St. between I and N Sts. $107,625, from Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., Boyer St. between Belfield and Montana Sts. $13,523, Crittenden St. between Phil-Ellena St. and Vernon Rd. $12,632, and N St. between Kensington and Luzerne Sts. $19,576, from Eastern Asphalt Co., Penn Bldg., Johnston St. between Randolph and 7th Sts. $12,895; from J. Devlin, Jr., Hancock and Thompson Sts., portland cement concrete base on Victoria St. between Elder and Germantown Sts. $943; from Atlantic Refining Co., 260 South Broad St., furnishing bituminous filler for wood blocks, contraction tanks $2,950 and city tanks $2,880; from Union Paving Co., 30th and Locust Sts., furnishing and delivering sand for asphalt paving mixture $3,014, and furnishing asphalt paving mixtures $14,850, from A. Di Renzo, 1019 Wood St., Bristol, reconstructing Knights Bridge over Poquessing Creek, $5,160; and from J. H. Terry & Co., 969 Drexell Bldg., repairing Bridge St. Bridge over Frankford Creek $5,140.

South Carolina—See "Streets and Roads."

Texas and Oklahoma—E. P. Walsh, aud. Wichita Co., Wichita Falls, Tex., Oct. 23, bridge over Red River, on Texas-Oklahoma Federal Aid Project 491, between Burkburnett, Tex. and Randlett, Okla., from A. R. Mackey, Denver, Colo., concrete $231,508, steel $233,724. Noted Oct. 1.

Tex., Georgetown — See "Streets and Roads."

Tex., Kaufman—See "Streets and Roads."

Ore., Portland—Comrs. Multnomah Co., at Court House, approaches for Burnside Bridge, from Lindstrom & Feigenson, Worcester Bldg., $93,976.

CONTRACTS AWARDED

N. Y., Buffalo — Buffalo & Fort Erie Bridge Co., Ellicott Sq. Bldg., bridge over Niagara River, to Bethlehem Steel Co., Lackawanna, $1,324,750. Noted Oct. 15.

Fla., Tavares—Bd. Trustees Leake Co., 2 mi. trestle, to W. H. Williams Co., Inc., 816 Howard St., New Orleans, La., approximately $250,000.

Ia., Corydon—Wayne Co., one 20 x 50 ft. pony truss bridge and one 20 x 120 ft. high truss bridge, to Snyder & Johnson, Ft. Dodge, $21,812; also 44 box culverts, to A. A. Alexander, 2901 5th St., Des Moines, $33,900.

Ia., Davenport—See "Streets and Roads."

Nebraska—See "Streets and Roads."

Tex., Anderson—See "Streets and Roads."

Tex., Boston—See "Streets and Roads."

Oklahoma — State Hy. Dept., Oklahoma City, (*e. e. means engineers estimate*), to Pittsburgh-Des Moines Steel Co., 913 Tuttle St., Des Moines, Ia., 3 span 148 ft. steel truss and I-beam bridge on concrete piers at Big Cabin Craig Co., 12 tons reinforcing, 40 tons steel truss, etc. $17,719, e. e. $25,000, and 1 span 160 ft. steel truss bridge on pile piers, at Clayton, Pushmataha Co., 7.95 tons reinforcing, 28,775 ft. wooden piling, etc. $23,104, e. e. $25,000; to J. S. Terry, Poteau, 7 span 216 ft. rein.-con. bridge on concrete and wooden piling piers, at Ataka, Ataka Co., 19.9 tons reinforcing, 31,550 ft. wooden piling, etc. $44,153, e. e. $51,600, 3 span 116 ft. rein.-con. bridge on concrete piers at Summerfield, Le Flore Co., 14 tons reinforcing, 126 tons I-beam, etc. $36,188, e. e. $40,000, and 3 span 330 ft. steel truss bridge on concrete piers at Heavenor, Le Flore Co., 171 tons steel truss, 18 tons reinforcing, etc. $35,242, e. e. $40,000; to Boardman Co., West Maple St., Oklahoma City, 3 span 122 ft. steel truss bridge on concrete piers at Ninnekah, Grady Co., 39.5 tons steel truss, 10.96 tons reinforcing, 3,140 ft. wooden piling, etc. $16,777, e. e. $25,000, 3 span 130 ft. steel truss bridge at Renfrow, Grant Co., 45 tons steel truss, 9.23 tons reinforcing, etc. $23,483, e. e. $25,000, and 7 span 234 ft. steel I-beam bridge on concrete piers at Wetumka, Hughes Co., 54.72 tons steel I-beam, 16.4 tons reinforcing, etc. $25,608, e. e. $32,500; to Gaines, Yoekum & Mackay, 519 West Main St., Oklahoma City, 3 span 186 ft. steel truss bridge on concrete piers at Fanshawe, Le Flore Co., 110.55 tons steel truss, 15.25 tons reinforcing, etc. $34,992, e. e. $35,000, 2 span 140 ft. steel truss bridge on concrete piers at Wetumka, Hughes Co., 369.75 tons steel truss, 37.7 tons reinforcing, etc. $82,589, e. e. $95,000, and 2 span 60 ft. rein.-con. bridge at Mulhal, Logan Co. $30,927, e. e. $32,500, to McNeal & Wells, Perry, 3 span 102 ft. I-beam bridge on concrete piers at Orlando, Noble Co., 30 tons steel I-beam, 13.87 tons reinforcing, etc. $13,542, e. e. $25,000; to G. Southerland, Purcell, 1 span 156 ft. steel truss bridge on concrete piers at Red Rock, Noble Co., 58.6 tons steel truss, 11.6 tons reinforcing, etc. $18,462, e. e. $25,000; to M. E. Gilloiz, Monett, Mo., 2 span 216 ft. steel truss bridge on concrete piers at Alluwe, Nowata Co., 124.75 tons steel truss, 26.15 tons reinforcing, etc. $35,993, e. e. $37,500; to Altman-Rogers, McAlester, 6 span 120 ft. rein.-con. bridge at Haywood, Pittsburgh Co., 10.64 tons reinforcing, etc. $26,499, e. e. $28,000; to Hamilton Constr. Co., Bartlesville, 1 span 40 ft. rein.-con. bridge at Claremore, Rogers Co., 9.22 tons reinforcing, etc. $5,665, e. e. $25,000. Grand total $500,388. Noted Oct. 22.

Ore., Cascade Locks — Benton-Franklin Co., c/o W. F. Crow, Walla Walla, Wash., for Bridge of the Gods, 1,530 ft. cantilever type, here, to Puget Sound Bridge & Dredging Co., and Union Bridge Co., Central Bldg., Seattle, Wash. $600,000 cost plus percentage basis.

Ont., Welland — J. W. Pugsley, secy. Dept. Rys. & Canals, Ottawa, superstructure and machinery for 4 bascule bridges over Welland Ship Canal, to Hamilton Bridge Wks., Hamilton. Engrs. est. $1,000,000. Noted Aug. 27.

Dam

CONTRACTS AWARDED

Mo., Sedalia—See "Waterworks."

Railways

PROPOSED WORK

Wisconsin—Chicago & Northwestern Ry. Co., West Jackson and Franklin Sts., Chicago, Ill., making plans taking up and rerouting Lake Shore division tracks in Shorewood and Whitefish Bay. City of Shorewood voted $49,000 bonds and Whitefish Bay $119,000 bonds, agreeing to raise additional $19,000 from other sources to be paid to railroad for above work. W. J. Towne, Chicago, Ill., ch. engr. Noted Oct. 29.

Montana — Chicago, Milwaukee & St. Paul R.R. Co., Union Sta., Chicago, Ill., plans extending Big Black Foot branch railroad, 13 mi. in Missoula Co., here; also extending old grade, $170,935. C. F. Loweth, ch. engr.

BIDS DESIRED

Utah — R. L. Huntley, ch. engr. Union Pacific R.R. Co., 1416 Dodge St., Omaha, Neb., taking bids 25 mi. roadbed and laying rails, incl. 840 ft. rock tunneling and bridges, one to have several 150 ft. spans on rock concrete piers, etc. east of Ogden, here. $2,500,000.

Excavation, Drainage, Irrigation, Levees River and Harbor

PROPOSED WORK

N. Y., East Aurora—Plans deepening and straightening Tannery Brook. $15,000.

N. J., Ocean City—Plans derrick stone jetties, 600 ft. diagonal line 200-500 ft. wide, on ocean front between 59th and 60th Sts. $60,000. Engineer not selected.

Fla., Salerno—Voted $78,000 bonds, sea wall and bulkhead.

Tex., Freeport — Brazos River Harbor Assn., making surveys diverting main stream of Brazos River about 6 mi. above mouth across total flat of the Gulf, utilizing old channel of river below for harbor purposes. $1,000,000.

Tex., Pearsall — Frio Co. election soon $50,000 bonds cover costs surveys, etc., irrigating 45,000-50,000 acres, for Dilley-Pearsall Water Impvt. Dist. Total $3,000,000. Address L. DeVilbiss, dir. Frio Co. Irrigation District.

BIDS DESIRED

Mich., Detroit—Nov. 30, by G. A. Dingeman, drain comr. Wayne Co., County Bldg., Red Run Drain, in Nankin Twp., incl. Sect. 1 5,200 ft., 4.04 ft. depth; Sect. 2, 2,600 ft., 4.18 ft. depth; Sect. 3, 1,900 ft., 4.78 ft. depth; and Sect. 4, 1,900 ft., 4.04 ft., all above 2 ft. bottom width.

Ark., Jonesboro—Dec. 15, at office Cobb & Lee, engrs., Amer. Trust Bldg., 1,848,500 cu.yd. earthwork in Levees and 1,284,800 cu.yd. excav. in ditches, for Bay-St. Francis D. D. 29, Craighead Co.

Calif., Oroville—See "Contracts Awarded."

BIDS RECEIVED

N. Y., New York — M. Cosgrove, comr. Docks, Pier "A," ft. Battery Pl., Nov. 12, dredging at Pier 84, North River, Contr. 1866, from Morris & Cummings, 17 State St., $38,466. Noted Nov. 5.

Calif., Los Angeles — Bd. Supervs. Los Angeles Co. Flood Control Dist., Hall of Records, Oct. 12, 3 earthen dams, tunnels, spillways, etc., at Puddingstone Reservoir Site, from Ross Constr. Co., Van Nuys Hotel, $780,611. Engrs. est. $800,000.

CONTRACTS AWARDED

N. Y., New York — M. Cosgrove, comr. Docks, dredging at West 47th St., North River, Contr. 1865, to Morris & Cummings, 17 State St., $20,000. Noted Oct. 29.

La., New Orleans—Bd. State engineers, 213 New Courthouse Bldg., 75,000 cu.yd. in Billy Bayou South Levee, Ascension Parish, to Douglas, Buchanan & Crow, Shreveport, $12,237; also 30,000 cu.yd. on Bayou Lafourche Dyke, same parish, to T. S. Hulse, Destrahan. Noted Oct. 29.

Mo., St. Charles — Hancock Bottoms Drainage and Protective Dist. 1, at St. Charles Co. Court Room, 900 lin.ft. standard current retards, to Woods Bros. Constr. Co., Lincoln, Neb., approximately $50,000; 130,000 cu.yd. excav. in embankments, levees, ditches, etc., to Pioneer Constr. Co., 270 Glover Bldg., Kansas City, approximately $22,000. Noted Oct. 22.

Mo., Sedalia—See "Waterworks."

Calif., Oroville—Oroville-Wyandotte Irrigation Dist., Butte Co., will reconstruct Hansonville-Bangor-Sunny Slope Ditch, incl. 16,000 lin.ft. ditch and 40 cu.yds. rubble wall, by day labor. W. J. Monroe, secy.

Canada — Dept. Pub. Wks., Parliament Bldgs., Ottawa, (recent awards), (*e. e. means engineers estimate*), to L. Lemoine, Ltd., Lauzon, Ont., rip rap stone walls, St. Andre, Kamouraska Co., e. e. $11,800, constructing superstructure and repairing wharf Matane, Matane Co., e. e. $50,000, and reconstructing portion wharf at Port au Saumon, $20,400, all above in Quebec; to H. Bigelow, Windsor, N. S., extending breakwater at Halls Harbor, e. e. $11,000, and extending wharves in Wolfsville, both in Kings Co., Nova Scotia, e. e. $8,000; to Arcadia Constr. Co., Lunenberg, N. S., dredging at Port Mouton, N. S., e. e. $15,000; to Birmingham & Sons, Kingston, constructing rubble wall between out end of West Pier and inner end of West Breakwater, Port Burwell, Elgin Co., Ont., e. e. $30,000; to Lachain & Scholles, Winnipeg, Man., protection works across mouth Portage Creek, southern end Lake Monotoba, Delt, Portage la Prairie Co., Man., e. e. $33,000; to W. E. Laudny, Antigonish, N. S., constructing breakwater in Aspy Bay, Dingwall, Victoria Co., N. S., e. e. $25,000; to T. M. Handing, Liverpool, N. S., constructing extension to breakwater Saulnierville, Digby Co., N. S., e. e. $6,300; to Atlantic Dredging Co., Sydney, N. S., constructing wharf Main-a-Deau, Cape Breton Co., N. S., e. e. $8,000; to G. W.

Excavation, Drainage, Irrigation, Levees (Continued)

Rayner, Midland, Ont., wharves at Honey Harbor, Muskoka Dist., Ont., e. e. $11,800; to Halifax Dredging Co., Halifax, N. S., dredging in East River, Nova Scotia, e. e. $20,000.

Streets and Roads

PROPOSED WORK

N. Y., East Aurora—Plans paving Sycamore St. $50,000.

N. Y., Peekskill — Westchester Co. Park Comrs., 72 Pondfield Rd., Bronxville, received no bids Oct. 27, grading and concrete paving portion of State Parkway from State Camp Rock to Bear Mountain Bridge Approach Rd. at Roa Hook, near here. Noted Oct. 8.

Pa., Pittsburgh — Made plans and soon takes bids grading, curbing and paving Rickbarn Ave. between Brighton Rd. and Brighton Villas. $30,000. Dept. Pub. Wks., City County Bldg., engrs.

Fla., Gainesville — Alachua Co., election soon $1,000,000 bonds, road system.

Fla., Kissimmee—Election Dec. 5, $600,000 bonds, paving various streets.

Fla., Mayo—Lafayette Co., election soon $500,000 bonds, road system.

Fla., Moore Haven—Glades Co., election Nov. 24, $217,000 bonds constructing Projects A to H (inclusive).

Fla., Stuart — Voted $150,000 bonds, grading, paving and curbing various streets. R. F. Ensey, Stuart, engr. Noted Oct. 15.

Miss., Belzoni — Humphreys Co. voted $100,000 bonds, improving various roads.

La., Baton Rouge — East Baton Rouge Parish, election Dec. 29, $57,000 bonds hardsurfacing 2 mi. Sub-Road Dist. 5 (Perkins Rd.) and $135,000 bonds, grading and graveling 14 mi. Sub-Road Dist. 1 (Jefferson Highway from city limits to Bayou Manchac). F. A. Woods, secy.

La., Boiser City — Making preliminary plans grading, curbing, concrete, asphalt, rock asphalt or brick paving various streets. $40,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engr.

Tenn., Madisonville — Monroe Co. plans improving 7 mi. McCroskey Highway. To exceed $25,000.

O., Akron—W. F. Peters, dir. Pub. Serv., takes bids in spring grading, curbing, sidewalks and vitr. brick on 6 in. concrete surfacing 1,655 sq.yd. Dorchester Rd., $14,600; and 2,680 sq.yd. Oakland Ave., $17,000. E. A. Kemmler, Delaware Bldg., engr.

O., Alliance—Bd. Control takes bids in spring, asphalt paving ¾ mi. College St. from Arch St., to Liberty Ave., 40 ft. $28,700. H. Anderson, city engr.

O., Cleveland — Voted $2,000,000 bonds, grading, paving, repaving and sewers in various streets. R. Hoffman, City Hall, engr. Noted Sept. 10.

Wis., Madison — Dane Co. Hy. Comn. plans concrete paving 158.9 mi. State Trunk Highways 10, 12, 13, 19, 31, 41 and 106 during next 5 years. Total $4,737,300. Voted $2,500,000 bonds for same. State appropriates $1,698,280 towards cost. J. R. Caldwell, co. highway comr.

Minn., Minneapolis — Bd. Park Comrs., C. E. Doell, secy., making plans surfacing approximately 9 mi. Minnehaha Parkway. $225,000.

Kan., Russell — Russell Co. soon takes bids grading, etc. 8.849 mi. Federal Aid Project 301-A and B, 28 ft. F. C. Gilmore, Court House, co. engr. G. L. Campbell, Salina, consult. engr.

South Dakota — State Hy. Dept., Pierre, **(F. A. P. means Federal Aid Project)**, plans gravel surfacing 16,400 yd. F.A.P. 15-A, Lawrence Co.; 8,500 yd. F.A.P. 100-A, Pennington Co.; 11,300 yd. F.A.P. 163, Butte and Lawrence Counties; 21,000 yd. F.A.P. 184-A, Spink and South Counties; 18,500 yd. F.A.P. 184-B, Beadle Co.; 16,700 yd. F.A.P. 186-B, and 14,400 yd. F.A.P. 186-C, Sanborn Co.; 41,800 yd. F.A.P. 174, Union Co.; 10,400 yd. F.A.P. 178-A, Bon Homme Co.; 21,200 yd. F.A.P. 178-C, Yankton Co., and 16,700 yd. F.A.P. 161, Hanson Co. T. Soleglad, acting highway engr.

Mo., Clinton—Making preliminary plans grading, curbing, guttering and 7 in. vibrated concrete slab paving approximately 8,400 sq.yd. East Ohio St. C. A. Calvird, Jr., city clk.

Tex., Abilene — Taylor Co. takes bids after Nov. 18, grading, bridging and bituminous concrete on macadam paving, 5.74 mi. Highway 1. $196,000. L. C. McCanlies, Abilene, engr.

Tex., Angleton—Brazoria Co., made plans and soon takes bids grading, bridging and surfacing 11¾ mi. Highway 58, proposed Federal Aid Project 442, 16 ft. $445,000. C. A. Gavin, Angleton, engr.

Tex., Beaumont — Election in December $400,000 bonds, paving various streets. R. C. Black, city engr.

Tex., Edna — Jackson Co. election soon $250,000 bonds paving 16 mi. Glacier to Gulf Highway, 18 ft. Address County Judge.

Tex., Ft. Worth—Election Nov. 24, $2,855,000 bonds, grading, widening and paving various streets and Camp Bowie Blvd. D. L. Lewis, Ft. Worth, city engr.

Tex., Lubbock — Lubbock Co. making plans grading and caliche surfacing, etc. 15 mi. State Highway 53 between Lubbock and Idalou, 18 ft. $100,000. B. K. Garrett, Lubbock, engr.

Tex., Moulton—Lavaca Co. election soon $175,000 bonds surfacing 34 mi. roads on Smithville-Yoakum Highway. State and Federal Aid to appropriate toward same. W. H. Koether, Moulton, co. engr.

Tex., Sanderson — Terrell Co. making plans grading and bridging 8½ mi. Highway 3. $60,000. J. Stovall, Sanderson, engr.

Tex., Teague — Defeated $30,000 bonds paving various streets. Noted Oct. 15.

Tex., Uvalde—Uvalde Co. soon takes bids grading and bridging 17.57 mi. Highway 3, Federal Aid Project 360-C. $108,000. M. B. Hodges, Uvalde, engr.

Oklahoma—State Hy. Dept., Oklahoma City, made surveys grading and vertical fibre brick surfacing 28,000 sq.yd. Tonkawa-Perry Rd. 4, Kay Co. $70,000. J. M. Page, highway engr.

Okla., Ada—Pontotoc Co. election Dec. 15, $435,000 bonds, improving various roads. J. M. Page, Capitol Bldg., Oklahoma City, highway engr.

Okla., Bartlesville — Plans grading and concrete surfacing 9,650 sq.yd. 5th and Mill Sts. $31,000. E. D. Kirkpatrick, Bartlesville, engr.

Okla., Oklahoma City—City Clerk takes bids about Nov. 24, 7 in. concrete surfacing 2,400 sq.yd. Bway., $30,000; 6 in. concrete surfacing 1,400 sq.yd. 18th St. $7,000, and 2 in. asphalt on 5 in. concrete surfacing 2,200 sq.yd. Lake St., $15,000. B. M. Hart, City Hall, engr. Noted Oct. 22.

Okla., Shidler—Making preliminary plans vertical fibre brick surfacing 9,100 sq.yd. Cosden Ave. $45,000. H. L. Jackson, Shidler, engr.

Ore., Burns—Harney Co. election Nov. 28, $200,000 bonds, improving roads.

California—State Hy. Comn., Sacramento, plans reconstructing 5 mi. highway north of Santa Rosa, and widening 12 mi. Redwood Highway from Denman Flats to Santa Rosa, both in Santa Rosa Co.; also grading 2.4 mi. highway between Richardson Creek and Klamath River Bridge, Del Norte Co. R. M. Morton, Forum Bldg., Sacramento, highway engr.

California—State Hy. Comn., Sacramento, rejected bids Oct. 19, grading road between Arrowhead Blvd. and Blythe, Riverside Co. Noted Nov. 5.

California—Kern Co. (Bakersfield) and Santa Barbara Co. (Santa Barbara), made plans grading 40,000 cu.yd. Cayuma Ranch. Burch & Beck, Commercial Bank Bldg., San Luis Obispo, engrs.

Calif., Berkeley—Plans paving 6 mi. portions of Spruce St., University, Sacramento and Euclid Aves. J. N. Edy, city mgr.

Calif., Larkspur—City Clerk soon takes bids curbing, guttering and concrete paving, etc., 53,439 sq.ft. Baltimore Ave., etc.

Calif., Manteca—Soon takes bids, curbing, guttering and 6 in. concrete paving, etc. 89,452 sq.ft. Yosemite Ave. between Main St. and west city limits. E. H. Jeffries, city engr.

Calif., Marysville — Yuba Co. plans replacing present approximately 9 mi. Bullard's Bar grade. $80,000.

Calif., Oroville—Butte Co. plans paving Table Mountain Highway between Oroville and Chico. $25,000. H. H. Hume, Oroville, co. engr.

Calif., San Diego — Common Council plans improving K St. from 16th to 32nd Sts., 372,591 sq.ft. 1½ in. asphalt on 3½ in. bituminous paving, 601 sq.ft. sidewalk, 325 ft. curbing, etc. F. A. Rhodes, city engr.

Calif., Stockton—San Joaquin Co. made plans improving 1.77 mi. Alpine and Curry Aves., 3,000 cu.yd. grading, 2,550 tons crushed rock, 600 tons pea gravel and 60 bbl. asphaltic oil. F. E. Quail, Stockton, co. surv.

BIDS DESIRED

N. Y., Brooklyn — Nov. 25, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, grading, curbing and flagging, 19th Ave., East 7th, East 8th, East 28th and 81st Sts.; permanent asphalt on 6 in. concrete paving East 7th and 81st Sts., Flatbush and 19th Aves.; recurbing and permanent asphalt on 6 in. concrete paving 15th Ave., etc.

N. Y., Buffalo — Nov. 20, by Commissioner Pub. Wks., repaving Lancaster Ave., West Ferry St., etc. To exceed $25,000. E. P. Babcock, Municipal Bldg., engr.

N. Y., Long Island City—Nov. 20, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, etc., Broadway, Ave., Bleeker, 40th and 101st Sts.; pave 40th St.; grading, curbing and flagg Grove and 99th Sts.; grading and curb 126th, 91st, Lake and 130th Sts.; sidewa on 5th St.; recurbing Prospect Ave.; constructing beach from Beach 25th Beach 2nd Sts.

N. Y., New York—Nov. 24, by J. Mil pres. Manhattan Boro, Municipal Bl grading, curbing, etc., Lake View P grading, etc., Grand View Pl.; and gran block repaving East 161st St.

N. Y., St. George — Nov. 23, by J. Lynch, pres. Richmond Boro, Boro Ha napped granite block repaving Jersey from Richmond Terrace to Cleveland S concrete sidewalks (both sides) Forest A from Jewett Ave. to Palmers Run.

N. Y., St. George — Nov. 24, by J. Lynch, pres. Richmond Boro, Boro Ha bituminous concrete repaving Vanderbi Ave. from Bay to Van Duzer Sts.

N. C., Elizabeth City—Dec. 1, by Pasquotank Hy. Comn., hardsurfacing 4 mi. Sale and Easlip Roadways. J. R. Ford, Box 232, engr.; adv. E. N.-R. Nov. 19.

South Carolina—Nov. 24, by State Hy. Dept., Columbia, **(S. R. means State Route, S. P. means State Project, and F. A. P. means Federal Aid Project)**, grading, bridging and sand clay surfacing 9.1 mi. S. R. 36, S. P. S-587-D, Hampton Co., and 13.9 mi. S. R. 36, S P. S-587-A, Bamberg Co. A. T. Brown, Orangeburg, engr., 0.931 mi. S. R. 23, S. P. S-608, and 4.04 mi. S. R. 23, S. P. S-580, also 7.7 mi. S. R. 3, F. A. P. 171-A, all foregoing in Marion Co., H. G. Jones, Florence, engr.; sand clay surfacing, etc., 14.1 mi. S. R. 24, S. P. S-545, Lexington Co., rock asphalt and sheet asphalt surfacing Yauhannah Ferry Bridge on S. R. 40, F. A. P. 241, Georgetown-Horry Counties, State Hy. Engineer, 1708 Sumter St., Columbia, engr.; plain concrete or asphalic concrete paving 0.677 mi. S. R. 10, F. A. P. 170, and 6.2 mi. S. R. 2, S. P. 29-A, Laurens Co., E. D. Sloan, Courthouse, Greenville, engr.

Florida—Dec. 10, by State Hy. Dept., Tallahassee, plain and rein.-con., bituminous macadam, sheet asphalt or asphaltic concrete paving 6.3 mi. Road 7, Federal Aid Project 51, Escambia Co. J. L. Cresap, highway engr.; adv. E. N.-R. Nov. 19.

Tennessee—Dec. 11, by State Dept., Highways & Pub. Wks., Nashville, grading, bridging, grade separation and paving roads in various counties. C. N. Bass, assistant comr.; adv. E. N.-R. Nov. 19.

Kentucky—Dec. 10, by State Hy. Dept., Frankfort, waterbound macadam, waterbound macadam on sandstone, or bituminous macadam on sandstone surfacing 2 mi. Barboursville-Williamsburg Rd., 14 ft., State Aid Project 22-A, Knox Co. E. N. Todd, highway engr.

Michigan—Nov. 30, by State Hy. Dept., at office Comrs, Sanilac Co., Sandusky, improving 10.829 mi. Trunk Line Road 38-6, incl. grading and graveling Sects. A and C, and concrete paving Sect. B. G. C. Dillman, Lansing, highway engr.

Mich., Detroit—Nov. 26, by Dept. Pub. Wks., berea, medina or concrete curbing, and 3½ in. sheet asphalt on 8 in. concrete paving 2,020 sq.yd. Burlingame Ave. from Livernois to Monica Aves., 1,400 sq.yd. Brush St. from Six Mile Rd. to Nevada Ave., 2,330 sq.yd. Charleston Ave. from Penrose to Annin Aves., and 6,470 sq.ft. Quincy Ave. from Keeler to Puritan Aves., all above 28 ft.; 3,750 sq.yd. Lenox Ave. from Canfield to Warren Aves.; 8,780 sq.yd. Kendall Ave. from Wildemere to Livernois Sts., 2,370 sq.yd. Birwood Ave. from Oakman Highway to Bonaparte Ave., all above 30 ft.; and 8,800 sq.yd. Mendota Ave. from Tireman to Bonaparte Aves.; 30 and 36 ft. P. A. Fellows, City Hall, engr.

Kan., Stockton—Dec. 3, by Clerk Rooks Co., improving 1.563 mi. Federal Aid Project 252-B, 21,488 cu.yd. excav., 18,000 cu. yd. borrow, 4,830 lb. reinforcing, etc., also bridge to have six 40 ft. deck girder and one 140 ft. steel truss spans, 94,216 lb. reinforcing, 147,478 lb. structural steel, etc. J. A. Bodine, Court House, engr.

North Dakota—Dec. 4, by State Hy. Dept. and Comrs. Ward Co., at Court House, Minot, improving 11.932 mi. Ward-McLean Rd., Federal Aid Project 273 A and B, Ward Co., 62,942 cu.yd. earth and 1,300 cu. yd. rock excav., 323 cu.yd. overhaul, etc.

North Dakota — Dec. 5, by State Hy. Dept. and Comrs. McLean Co., at Courthouse, Washburn, improving 7.08 mi. Federal Aid Project 272-A, McLean Co., 44,112 cu.yd. earth and 825 cu.yd. rock excav., 2,200 cu.yd. sta. overhaul, etc.

Mo., St. Louis — Southern Wheel Co., Commonwealth Bldg., Pittsburgh, Pa., taking bids approximately 32,000 cu.yd.

Streets and Roads (Continued)

grading at plant, here. Pitzman Eng. & Survey Co., 615 Chestnut St., engrs.

Arkansas—Nov. 30, by State Hy. Dept., Little Rock, improving 21.18 mi. McGehee-Watson Rd., Federal Aid Project 189-A, 68.7 acres clearing, 54.08 acres grubbing, 158,019 cu.yd. excav., 9,037 cu.yd. borrow, 10,315 sta.yd. overhaul, 38,661 cu.yd. gravel surface course, 10,145 cu.yd. gravel 1 mi. additional haul, etc. R. C. Limerick, highway engr. Noted Nov. 12.

Ark., Hot Springs — Nov. 21, by City Comrs., at office G. C. Smith, city engr., grading, curbing, sewers and paving 37,758 sq.yd. various streets. Smith & Annen, Hot Springs, engrs. Noted Oct. 8.

Ark., Little Rock — Nov. 23, by C. T. Ryan, secy. Arkansas-Missouri Highway Dist. in Pulaski Co., at office W. E. Ford, engr., 214 Gazette Bldg., improving above district, Contr. 1, 9,200 sq.yd. block removal, 1,240 tons extra asphalt binder, 8,310 sq.yd. asphalt and 900 sq.yd. 6 in. concrete paving; Contr. 2, 120 cu.yd. old paving removed, 150 sq.yd. 6 in. concrete paving, 700 ft. expansion joints; Contr. 3, 6,800 cu.yd. earth, 2,900 cu.yd. loose rock and 1,400 cu.yd. solid rock excav., 19,100 ft. monolithic curbing, 25,500 sq.yd. 6 in. concrete paving, 9,530 ft. center joints, 19,000 lb. reinforcing, 19,000 ft. expansion joint, etc.

Ark., Texarkana — See "Contracts Awarded."

Tex., Angleton — Dec. 16, by H. W. Munson, engr., Angleton, crushed stone and 1 in. bituminous topping 61,866 sq.yd. Federal Aid Project 367-A, for Brazoria Co. $90,000.

Tex., Crockett—Dec. 11, by L. L. Moore, judge Houston Co., clearing, grubbing, bridging and grading, 6.75 mi. State Highway 19, Federal Aid Project 485-C, 24 ft., incl. 32,326 lb. reinforcing. $31,300. F. J. Von Zuben, Crockett, engr.

Tex., Donna—Dec. 7, by City Comn., rock asphalt or warrenite bitulithic paving, etc., 75,000 sq.yd. various business streets. $175,000. Address J. E. Wier, city secy.

Tex., La Grange—Dec. 4, by R. E. Schiller, engr., La Grange, grading and bridging 8.46 mi. highway from Road Dist. 2-5 to Colorado Co. line, Federal Aid Project 417-B, for Fayette Co. $70,000. Noted Oct. 1.

Tex., Palacios—Taking bids constructing 3½ mi. shell road on grounds of 36th Texas Natl. Guard, 18-30 ft. $28,000. Address State Highway Dept., Austin.

Tex., Waco—Dec. 1, by E. E. McAdams, city mgr., widening and paving 2 blocks 7th and 11th Sts. $30,000. G. V. Koch, city engr. Noted Aug. 27.

Idaho — Nov. 24, by Commissioner Pub. Wks., Boise, improving 7.68 mi. North and South Highway, Federal Aid Projects 9-E and F, Idaho Co., 21 acres clearing and grubbing, 89,729 cu.yd. unclassified excav., 35,485 sta.yd. overhaul, etc. P. E. Oxley, 202 Pioneer Bldg., Lewiston, dist. engr.

Idaho — Dec. 4, by Commissioner Pub. Wks., at Hotel Idaho, Coeur d'Alene, improving 3.079 mi. Coeur d'Alene-Yellowstone Trail, Federal Aid Projects 47 and 93-A, Kootenai Co., 9,168 lb. reinforcing, 33,231 sq.yd. subgrading, 33,231 sq.yd. concrete paving and 2,947 cu.yd. crushed rock or gravel shoulders. P. E. Oxley, 202 Pioneer Bldg., Lewiston, dist. engr.

Washington—Dec. 1, by State Hy. Dept., Olympia, clearing and grading, etc. 7.1 mi. State Rd. 12, Wahkiakum and Pacific Counties, also 8 mi. State Rd. 9, Thurston and Grays Harbor Counties; and crushed rock or gravel surfacing 7.3 mi. State Rd. 10, Douglas Co. J. W. Hoover, highway engr.

California—Nov. 30, by State Hy. Dept., Sacramento, macadam paving 15 mi. road between Castaic and point 3 mi. north of Natl. Forest Inn, Los Angeles Co. R. M. Morton, Forum Bldg., Sacramento, highway engr.

Calif., Glendale—Dec. 3, by A. J. Van Wie, city clk., curbing, guttering sidewalks and 6 in. concrete paving Grand View Ave., etc. To exceed $250,000. J. F. Johannsen, city engr.

Calif., Inglewood — City Trustees, taking bids grading, curbing, guttering, sidewalks and 5 in. on 4 in. Willite paving 143,450 sq.ft. Exton Ave., Plymouth St., etc. W. Peffer, city engr.

Calif., Los Angeles—Nov. 23, by Supervs. Los Angeles Co., grading and concrete paving 154,338 sq.ft. Wilmington and Los Angeles Rd. (Rd. Dist. Impvt. 293), to exceed $35,000; grading, curbing, guttering, and concrete paving 189,695 sq.ft. portion Canal St. (Co. Impvt. 402) to exceed $45,000; grading, shoulders, and concrete on disintegrated granite paving 315,708 sq.ft. Olive Ave. between Main and Compton City limits (Rd. Dist. Impvt. 275), to exceed $80,000. G. Jones, Hall of Records, co. engr.

Calif., San Jacinto—F. M. Sallee, city clk., taking bids grading, macadam and asphalt, macadam or concrete paving 32,740 sq.ft. Hots Springs Rd. G. E. Gray, city engr.

BIDS RECEIVED

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Nov. 12, grading and asphalt block paving 103rd St., from Regan Towers Co., 124 West 121st St., $18,770. Noted Nov. 5.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Nov. 16, bituminous concrete repaving Bay St., from Vanbro Constr. Co., 24 Elizabeth St., West New Brighton, $25,789; granite block repaving Van Duzer St., from J. Meehan, 90 West St., New York City. $42,873. Noted Nov. 5.

South Carolina—State Hy. Comn., Columbia, grading and sand clay surfacing 16,597 cu.yd. State Route 40, Federal Aid Project 267-A, Georgetown Co., from J. F. Blankenship, Greenwood, $38,398, two treated timber bridges on same road, from E. K. Turner, Florence, $3,488; grading 13.1 mi. State Route 33, State Project 597, Jasper Co., from H. M. Taylor, Ridgeland, $36,343, two treated timber bridges totaling twelve 14 ft. spans on same road, from Story Constr. Co., Augusta, Ga., $6,849; grading and sand clay surfacing 40,495 cu. yd. State Route 63, State Project S-556, Colleton Co., from J. T. Blassingame, 120 River St., Greenville, $61,968, also two treated timber bridges totaling six 15 ft. spans on same road, from Palmer Constr. Co., Florence, $5,840; plain concrete surfacing 0.284 mi. State Route 6, State Project S-598, 0.293 mi. county road and intersecting with Project S-598, from Pritchard-Raines-Hazelhurst Constr. Co., Savings Bank & Trust Co. Bldg., Savannah, Ga., $7,716 and $8,335 respectively; grading and top soiling 6,830 cu.yd. State Route 7, Federal Aid Project 235-B, Union Co., from Costello Bros., Henson Bldg., Knoxville, Tenn., $20,904. Noted Oct. 29.

Louisiana — State Hy. Comn., Baton Rouge, Nov. 3, grading and graveling 6.6 mi. State Project 153 A, and 2.31 mi. State Project 153 D, both LaSalle Parish, from McKlithen Constr. Co., Grayson, $52,308 and $17,645 respectively; also graveling 5.38 mi. State Project 486, Iberia Parish, from A. M. Wilks, Alexandria, $24,011. Noted Oct. 15.

Michigan — State Hy. Dept. at office Comrs. Roscommon Co., Roscommon, Oct. 29 graveling 11.967 mi. Federal Aid Road 134A, from T. H. DuVall, Prudinville, $173,744. Noted Oct. 22.

Michigan — State Hy. Comn., at office Comrs. Oscoda Co., Hersey, graveling 2.658 mi. Trunk Line Rd. 97-1 B, 16 ft., from Hansen, Evart, $34,711.

Missouri — State Hy. Dept., Jefferson City, Oct. 30, from Mitchell Constr. Co., Marron, Ill., grading 2.51 mi. roads from Hough north and south, Mississippi Co. $8,691; from F. Kersting Co., Jefferson City, 30 ft. grading 0.321 mi. Licking-Salem Rd., Dent Co., $6,368, from Bryant-Rollins Road Co., Waynesville, 1.72 mi. road from Lebanon east and west, Laclede Co. $10,058, from Wilson Constr. Co., Warrensburg, 0.152 mi. South Van Buren Rd., Carter Co., $9,395, from Burnham & Son, St. Louis, 7.794 mi. Waynesville-Bloodland Rd., Pulaski Co., $25,918, from McCann Bros. & Hoffman, Grand Tower, Ill., 3.763 mi. Poplar Bluff-Dekins Rd., Butler Co., $12,976, and 0.717 mi. road from Dudley east, Stoddard Co. $3,413, from Summerfield Jones Co., Billings, 9.226 mi. Poplar Bluff-Dekins Rd., Butler Co. $40,841, from A. A. Davis & Co., Kansas City, 4.034 mi. same road $20,889, from C. P. O'Reilly & Co., St. Louis, 0.34 mi. Poplar Bluff-Dekins Rd., Butler Co. $2,745, 4.509 mi. road from Caledonia north and south $22,146, 10.121 mi. Caledonia-Potosi Rd. $82,513, both Washington Co., and 18 ft. gravel surfacing 5.895 mi. Wayland-Lewis Co. line Rd., Clark Co. $69,887; from Richmond Constr. Co., Advance, 16 ft. gravel surfacing 2.976 mi. road from Holcomb west $28,201, and 3.998 mi. Udora-St. Francois River Rd. $44,819, both in Dunklin Co.; from Independent Constr. Co., Pittsburg, Kan., grading 1.054 mi. road from Nevada north, Vernon Co. $10,360, and 18 ft. gravel surfacing 1.054 mi. same road $25,837; from Pioneer Constr. Co., Kansas City, 30 ft. grading 0.68 mi. Centerville-Lesterville Rd., Reynolds Co. $5 299, 18 ft. gravel surfacing 1.576 mi. Eldorado Springs-Stockton Rd., Cedar Co. $7,752, and 12 ft. chats surfacing 3.594 mi. same road $37,016; from Chaney & Amyx, Licking, 18 ft. gravel surfacing 4.606 mi. Houston-Raymondville Rd., Texas Co. $40,832, from J. P. Sparks, Kirkwood, 2.134 mi. road from Iron Co. line, south Iron Co. $10,998, from H. A. Worman, Pittsfield, Ill., 1.667 mi. road from Iron Co. east, Madison Co. $17,288, from Nichols & Cossota, Oklahoma City, Okla., 0.452 mi. Glasgow-Fayette Rd., Howard Co. $10,255, from F. T. O'Dell, Hannibal, 0.245 mi. Wayland-Lewis Co. line Rd., Clark Co. $2,068, from Pittsburgh Des Moines Steel Co., Tuttle and Southwest 10th Sts., Des Moines, Ia., 0.709 mi. road from Troy north, Lincoln Co. $9,194, from J. A. Simmons, La Plata, 2.379 mi. Glenwood-Lancaster Rd., Schuyler Co. $13,557, from J. H. Stephens, Mansfield, 4.178 mi. road from Licking north, Texas Co. $17,644, from Lahar Bros., Holden, 4.525 mi. Anderson-Elk Springs Rd., McDonald Co. $10,838, and 3.349 mi. road from Noel south, McDonald Co. $7,413; from Kelly & Underwood, Granby, 18 ft. gravel surfacing 2.178 mi. road from Monett south, Barry Co. $11,104, 3.159 mi. Anderson-Neosha Rd., McDonald Co. $12,539, and 12 ft. chats surfacing 2.857 mi. road from Greenfield north, Dade Co. $23,324; from K. L. Williams, Charleston, grading 2.542 mi. road from Hough north, $4,360, and 9 ft. concrete paving 2.542 mi. same road $21,478, and from Clague & Strohl, Bowling Green, O., 9 ft. concrete paving 2.519 mi. road from Hough north and south, $20,422, all foregoing in Mississippi Co. Noted Oct. 22.

Texas — F. V. Lanham, chn. State Hy. Comn., Austin, Nov. 7, curbing and paving 65,356 sq.yd. State Highway 2, Austin-Georgetown Rd., Federal Aid Project 409, from Southwest Bitulithic Co., 204 Gunter Bldg., San Antonio, 2 in. Modified Topeka $141,875, 2 in. bitulithic $141,875, and rein.-con., etc., $144,716; from C. C. Moore, Temple, 2 in. limestone rock asphalt $153,404; from Fuller Constr. Co., 409 Southwestern Life Bldg., Dallas, 2 in. amiesite $166,985. Noted Oct. 29.

Tex., Kaufman—Kaufman Co., 7 in. concrete paving 10.79 mi. State Highway 40, Federal Aid Project 136, Unit 2, incl. surfacing bridges with either 2 in. amiesite, limestone rock, asphalt or bitulithic concrete, from Smith Bros., Amer. Natl. Exch. Bank Bldg., Dallas, $157,154. Engrs. est. $152,000. Noted Aug. 20.

Tex., Georgetown—Williamson Co., grading, bridging and gravel surfacing 10.36 mi. State Highway 95, State Aid Project 633, 16 ft., 52, 850 lb. reinforcing, etc., from Brown & Root, Georgetown, $115,793. Noted Oct. 22.

Colo., Denver—Curbing, grading and surfacing South Denver Impvt. Dist. 22, from James Lawrence Constr. Co., 1041 Galapago St., $110,099. Engrs. est. $140,000.

Calif., Los Angeles—City, (**e. e. means engrs. est.**) from J. Farquhar, Box 454, Lankershim, improving Ivarene St., 2,616 cu.yd. excav. $2,300, 721 lin.ft. curbing $0.50 per sq.ft., 73,629 sq.ft. concrete paving $0.20, etc., total $26,647, e. e. $37,461; from W. Liddington, 420 East 60th St., Childs Ave. from Scotland to Sunset Blvd., 9,602 cu.yd. excav. $7,400, 39,686 sq.ft. sidewalk at $0.14 per sq.ft., 358 sq.ft. guttering $0.20, 10,433 lin.ft. curbing $0.45, and 238,478 ft. 7 in. concrete paving at $0.196, etc., total $83,701, e. e. $94,625.

Calif., Redondo Beach—From H. E. Cox, Slavin Bldg., Pasadena, improving Hellman Ave., 105,000 sq.ft. 6 in. concrete paving at $0.02 per sq.ft., 5,012 lin.ft. curbing $0.18, 12,170 sq.ft. sidewalk $0.55, etc., total approximately $31,650.

Calif., Riverside—Riverside Co., improving portion Foothill Rd., 26,000 lin.ft. shaping and 475,200 sq.ft. 5 in. macadam paving, from Pierson & Dickerson, P. O. 325, Riverside, approximately $75,385; also grading and culverts on above will be done by day labor under supervision County Engineer, $20,000. Noted Oct. 29.

CONTRACTS AWARDED

New Hampshire—State Hy. Dept., Concord, gravel surfacing 1.62 mi. highway in Antrim, to Long, Cross & Burham, Greenfield, Mass., $28,899; also 0.72 mi. highway in Manchester, to C. Bianchi & Co., Framingham, Mass., $15,386. Noted Nov. 12.

New York—Bronx River Parkway Comn., 72 West Pondfield Rd., Bronxville, paving Bronx River Parkway Dr., south of Valhalla to Kensico Dam Plaza, Contr. 78, to Hastings Pavement Co., 25 Broad St., New York City. Noted Oct. 8.

N. Y., Bronxville—Westchester Co. Park Comn., 72 West Pondfield Rd., grading, etc., Silver Lake Parkway Dr. from Westchester Ave. (city line of White Plains), to Hancock St., to Yonkers Contg. Co., 922 Nepperhan Ave., Yonkers, $48,245. Noted Oct. 22.

N. Y., Brooklyn — J. A. Guider, boro pres., Boro Hall, to G. M. Mandatto, 129 26th St., grading, curbing and flagging Bay 50th St. $9,857, 21st St. $2,450, 67th St. $2,750, 74th St. $2,953, to Grimm Contg. Co., 170 McKinley St., Empire Blvd. $679, 72nd St. $4,033; to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., asphalt paving Brooklyn Ave. $12,652, Cortelyou Rd.

Streets and Roads (Continued)

$5,046, to Sicilian Asphalt Co., 41 Park Row, New York City, North 15th St. $2,326, to Cranford Co., 52 9th St., 21st Ave. $8,278, 67th St. $6,903, and 74th St. $6,475, to M. J. O'Hara, 1228 Park Ave., New York City, 77th St. $2,552; to F. C. Kohart, grading Essex St., $8,024; and to Uvalde Asphalt Co., 1 Bway., New York City, curbing, flagging and paving 16th Ave., $3,757. Grand total $78,056. Noted Nov. 5.

N. Y., Long Island City — M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., to Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, grading, curbing, sidewalks and sheet asphalt surfacing Barclay St. $21,527, and laying sidewalks and paving Mymand Pl. $22,358; to Highway Impvt. & Repair Co., 50 Church St., New York City, grading, curbing, sidewalks and sheet asphalt surfacing Fosdick St. $16,273, sheet asphalt paving Harold Ave. $15,116, Haaspel St. $31,280, 104th St. $26,833, and 114th St. $15,645, to H. E. Kordes Co., 2577 Cooper St., Brooklyn, grading Harkow St. $724, and sidewalks, etc., on Hughes St. $2,113; to Sicilian Asphalt Paving Co., 41 Park Row, New York City, grading, curbing, sidewalks and sheet asphalt paving Slocom St. $5,943, to Uvalde Asphalt Paving Co., 1 Bway., New York City, 130th St. $15,460, to Kennedy & Smith, 93 Amity St., Flushing, Haspel Ave. $11,926; to O'Brien & Kurth, 8625 13th St., Jamaica, grading, curbing, sidewalks, etc., on 114th St., $9,837, and 104th St. $16,452; to W. H. Gahagan Realty Co., 147 Remsen St., Brooklyn, constructing public beach along ocean front $110,404. Grand total $250,058. Noted Oct. 29.

N. Y., Long Island City — M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading Hemlock Pl., to H. E. Kordes, 2577 Cooper St., Brooklyn, $3,143; grading gutter space, sidewalks, etc., on Caspian St., and grading, curbing and sidewalks on Procter St., to Peace Bros., 460 Lockwood Ave., $2,497 and $3,450 respectively; recurbing, reflagging and sheet asphalt on concrete paving Stryker Ave., and sheet asphalt on concrete paving Queens Blvd., to W. P. McDonald Constr. Co., Lawrence St., Brooklyn, $42,660 and $150,120 respectively. Grand total $199,041. Noted Nov. 12.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Amboy Rd. to J. E. Donovan Paving Co., 2205 Richmond Terrace, Port Richmond, $15,873; curbing and resetting curbing on both sides Forest Ave., to J. Caruselle, 148 St. Pauls Ave., Stapleton, $814; grading St. Stephens Pl. from Union Pl., to Richmond Paving Co., 48 Hylan Blvd., Rosebank, $1,688. Grand total $166,775. Noted Nov. 12.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, granite repaving Jewett Ave., etc., to Richmond Paving Co., 48 Hylan Blvd., Rosebank, $12,268. Noted Oct. 29.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route and A. means Application)**, rein.-con. paving, etc., 33,085 sq. yd. R. 10, A. 3453, Great Bend Twp. Rd., Susquehanna Co., and 59,786 sq.yd. R. 241, Sect. 3, Standing Stone-Wysox Twp. Rd., Bradford Co., to Bryant & Kohl, 145 Hazel St., Wilkes Barre, $161,624 and $354,095 respectively, 63,783 sq.yd. R. 17, Sect. 7, Laporte-Cherry Twps. Dushore Boro Rd., Sullivan Co., to United Constr. Co., Lock Haven, $337,949. Grand total $853,668. Noted Nov. 12.

Ga., Cartersville — Asphalt on concrete surfacing 24,137 sq.yd. various streets, to S. E. Findley, 212 West North Ave., approximately $75,000. Noted Oct. 22.

Fla., Ocoee — Paving 35,944 yd. various streets, to J. B. McCrary Co., Citizens & Savings Bank Bldg., Atlanta, Ga., approximately $94,000.

Miss., Gulfport — Bd. Supervs. Harrison Co., Warrenite paving 8 mi. Magnolia Route, to Southern Paving Co., Volunteer Life Bldg., Chattanooga, Tenn., $147,729. Owner will gravel surface base, making total cost $300,000. Noted Oct. 8.

Tenn., McMinnville—Crushed stone surfacing various streets, to Boyd Williams Constr. Co., Murfreesboro, approximately $60,000. Noted Aug. 27.

O., East Cleveland (Cleveland P. O.)—Paving Euclid Ave., to Highway Constr. Co., Guarantee Title Bldg., $72,372. Noted Nov. 12.

Ill., Chicago—Bd. Local Impvts., Room 207, City Hall, J. J. Sloan, pres., grading, curbing, guttering and asphaltic concrete on 6 in. concrete surfacing Anthony Ave. from Blackstone Ave. to East 80th St., and grading, curbing, guttering and asphalt on 6 in. concrete surfacing Arthington St. from South Keeler to South Kildare Aves., to Amer. Asphalt Paving Co., 133 West Washington St., North Hermitage Ave. from Bryn Mawr Ave. to Cemetery, Companys Private Rd., to White Paving Co., 130 North Wells St., North Leavitt St. from Foster to Summerdale Aves., to Contracting & Material Co., 844 Rush St., North Seeley Ave. from Howard St. to Home Ave., to J. V. McCarthy Co., 1126 Granvel Ave., West 36th St. from Normal Ave. to South Morgan St., to R. F. Conway, 844 Rush St.; also grading, curbing, guttering and 8 in. concrete surfacing South Bishop St., to Central Paving Co., 179 West Washington St. Noted Oct. 8.

Ill., Summit — Village Clerk, to W. T. Ryan, La Grange, improving 11,300 sq.yd. various streets, grading, curbing and one course Portland cement paving, consisting of 1 part Portland cement, 2 fine and 3½ parts coarse aggregate, complete in place, incl. steel reinforcement, not less than 40 lb. per sq.ft., expansion joints with bituminous filler, protecting and curing finished paving and removing all protective and other material after construction at $2.90 per sq.yd., combined curb and gutter, $1.10 per ft., excav. $1.10 per cu.yd., catch basins $95 each. Noted Oct. 29.

Kan., Independence—J. H. Krienhogan, city clk., paving various streets, to A. G. Sherwood, Independence, $28,026.

Kan., Leavenworth—For 2 in. asphaltic concrete resurfacing 35,000 sq.yd. Spruce St., to J. P. Collins Constr. Co., 403 North 5th St., at $1.78 per sq.yd.

Kan., Yates Center—For 7 in. rein.-con. paving 14,081 sq.yd. various streets, to Taylor & Allison, Chanute, approximately $36,000.

Nebraska—State Hy. Dept., Lincoln, improving highway between Grand Island, Hall Co. and Ravenna, Buffalo Co., grading, to J. W. Wacher, Omaha, $11,703; gravel surfacing, to Central Constr. Co., Central City, $18,292; corrugated pipe culverts, to Allied Contractors, 1803 Douglas St., Omaha, $7,922; guard rail, to Metz Constr. Co., Springfield, $1,960; and one steel bridge, to Diamond Egg. Co., Grand Island, $789. Grand total $40,666.

Nebraska—Dept. Pub. Wks., State House, Lincoln, gravel surfacing 13.3 mi. State Aid Project 105, Dawson Co., to Reel & Kennedy, Dalton, $14,714, grading same, to Dawson Co., $2,357; gravel surfacing 13.9 mi. Project 7-B, Clay Co., to Yant Constr. Co., 905 Omaha Natl. Bank Bldg., Omaha $21,254, 8.9 mi. Project 55-B, Saline Co., to Koehler Lumber & Coal Co., Sterling, $16,487. Grand total $54,812.

N. D., Minot — A. G. Torgerson, aud. Ward Co., grading 8.615 mi. Federal Aid Project 227, to Stevens Bros., 612 Endicott Bldg., St. Paul, Minn., $26,073; and 7.844 mi. Federal Aid Project 270, to Kemper & Huston, Minot, $29,458.

Ia., Davenport—Scott Co., grading 8.427 mi. road north of Le Claire, to Jenner Bros., Davenport, $50,025; paving same road and grading and paving 1.436 mi. road north of Davenport, to Central Eng. Co., 809 Putnam Bldg., $210,441 and $48,067 respectively; rein.-con. and steel bridges and culverts, to W. D. Phelan & Co., Davenpor, $16,331. Grand total $324,864.

Ark., Texarkana—City will grade, curb, and pave with concrete and asphalt 75,000 sq.yd. various streets, by day labor, under supervision. O. Yenglin, city engr. $200,000.

Tex., Anderson—Grimes Co., grading and bridging 6.15 mi. State Highway 6, Federal Aid Project 471-C, 26 ft., to J. F. Buckner, Box 167, Anderson, $70,163. Engrs. est. $102,750.

Tex., Boston—Bowie Co. grading, bridging and gravel surfacing 11,666 cu.yd. State Highway 5, Federal Aid Project 480-B, to G. G. and C. W. Burgess, 627 Kirby Bldg., Dallas, $19,632. Engrs. est. $46,000.

Calif., Inglewood — Grading, curbing, guttering, sidewalks, and 6 in. concrete paving 125,175 ft. Arbor Vitae St., to Pacific Constr. Co., Black Bldg., Los Angeles, $35,370. Noted Nov. 5.

Calif., Oakland — To Heafey-Moore-McNair, 344 High St., improving Bay Farm Island Rd., 9,044 cu.yd. fill at $1.34 per cu.yd., and 123,323 sq.ft. oil macadam paving at $0.105. Noted Oct. 29.

Calif., Redwood City—Grading, curbing, and 5 in. vibrolithic concrete paving 164,549 sq.ft. King and Myrtle Sts., etc., to Hanrahan Co., Standard Oil Bldg., San Francisco, $58,405. Noted Nov. 5.

Calif., Riverside—See "Bids Received."

Calif., San Diego—Grading, curbing, sidewalk and 1½ in. on 4 in. paving 144,325 sq. ft. Lewis St., Hillcrest Dr., etc., to G. R. Daley, 4430 Boundary St., $40,275. Noted Nov. 12.

Calif., San Francisco — Paving Vicente St. between 14th and 19th Aves., to F. J. McHugh, 474 17th Ave., $39,825.

Calif., Stockton — Grading, curbing, guttering, sidewalks, and 3 in. asphalt concrete on 3 in crushed rock paving Stadium Dr., to J. E. Johnston, Stockton Savings & Loan Bank Bldg., $33,327.

Buildings—Industrial

PROPOSED WORK

Mass., Hudson—FACTORY—Firestone, Apsley Rubber Co., H. S. Firestone, pres., plans 5 story rubber footwear factory, brick and steel. $500,000. Engineer and architect not selected.

Conn., Derby — SHOP — Derby Gas & Electric Co., 22 Elizabeth St., having plans prepared by R. W. Foote, 185 Church St., New Haven, 3 story and basement, 41 x 72 ft., brick and steel, Housatonic Ave., $50,000.

Conn., Southington — HARDWARE FACTORY—Peck, Stow & Wilcox Co., Railroad Sq., had plans prepared 2 story, 57 x 180 ft., brick and steel addition. $60,000. Private plans.

N. Y., Buffalo—ROLL SHOP, etc.—Donner Steel Co., 375 Abbott Rd., had plans prepared roll and finshing department shops, rein.-con., brick and steel. $60,000. Noted Apr. 9.

Pa., Economy (Ambridge P. O.)—STORAGE—Standard Seamless Tube Co., having plans prepared 1 story, 75 x 600 ft., brick and steel storage plant. 50,000. Private plans.

Mich., Pontiac—ROUNDHOUSE and MACHINE SHOP—Grand Trunk Railway Co., subsidiary Canadian Natl. Rys., 230 St. James St., Montreal, Que., plans 1 story, 115 x 600 ft., rein.-con., brick and steel, plain foundation, Willow Ave., here. $1,400,000. C. B. Brown, Montreal, Que., ch. engr.

Ind., Michigan City — GENERATING STATION—Calumet Gas & Electric Co., c/o Midland Utilities Co., 122 South Michigan Ave., Chicago, Ill., having plans prepared by Marshall & Fox, 431 North Michigan Ave., Chicago, Ill., 1 and 2 story, 150 x 400 ft., brick and steel, generating station, 60,000 kw. or 80,000 hp. capacity, here. $6,500,000. Sargent & Lundy, 72 West Adams St., Chicago, Ill., engrs.

Mo., St. Louis—CAR WHEEL PLANT—Southern Wheel Co., Keystone Blk., Pittsburgh, Pa., soon takes bids group factory buildings, Goodfellow Ave. and Terminal Railroad belt, here. $250,000. Pitzman Eng. & Survey Co., 615 Chestnut St., engrs. Noted Oct. 8.

Calif., Long Beach—STEAM PLANT—Southern California Edison Co., American Ave., having plans prepared by Stone & Webster, Inc., 147 Milk St., Boston, Mass., addition to steam plant, here, incl. 50,000 kw. turbo-generator, and seven 1,500 hp. boilers, etc.

BIDS DESIRED

Mass., Dorchester (Boston P. O.) — CLEANSING PLANT — Eagle Cleansers & Dyers, Inc., 70 Ceylon St., taking bids 2 story, 72 x 124 ft., brick addition. $50,000. H. H. Damon, 147 Summer St., Boston, archt.

Pa., Economy (Ambridge P. O.) — MACHINE SHOP — See "Contracts Awarded."

Pa., Phila.—MANUFACTURING—H. W. Easby, engr., Schoff Bldg., taking sub-bids 2 story and basement, 78 x 140 ft., brick, plain foundation, N St. above Kensington Ave., for E. Carraine, 1620 Mifflin St. $40,000.

Pa., Pittsburgh—BAKERY—C. B. Comstock, archt., 110 West 40th St., New York City, taking bids and open same about Nov. 20, altering and constructing 2 story and basement, 95 x 175 ft., brick, steel and hollow tile addition, 30th St., here, for Ward Baking Co., East 143rd St., New York City. $150,000.

W. Va., Parkersburg—PLANT—Nov. 29, by Ballinger Co., archts., 12th and Chestnut Sts., Phila., Pa., 1, 2 and 3 story, rein.-con., brick and steel manufacturing plant, plain foundation, on Little Kanawha River, near here, for Viscose Co., Marcus Hook, Pa. $2,000,000. Noted Nov. 12.

O., Cleveland — FACTORY and WAREHOUSE—Vitrolite Co., C. A. Myers, pres., 2907 Detroit Ave., taking new bids 2 story and basement, 44 x 147 ft., brick and steel, 2909 Detroit Ave. $60,000. Former bids rejected. A. B. Sylvanus & Co., 6014 Euclid Ave., archts. Noted Sept. 3.

O., Cleveland — FOUNDRY and MACHINE SHOP — Morgan Brass Co., L. Stern, mgr., 2104 Woodland Ave., taking bids 1 story, 100 x 200 ft., and 24 x 100 ft. brick and steel, 2104 Woodstock Ave. $60,000. Private plans.

Wis., Neillsville — CANNING FACTORY —See "Contracts Awarded."

Wis., Milwaukee—PACKING PLANT—See "Contracts Awarded."

Wis., Racine—MANUFACTURING—See "Contracts Awarded."

Mo., Joplin—SASH and DOOR FACTORY —See "Contracts Awarded."

Mo., Springfield — STEEL FOUNDRY — See "Contracts Awarded."

Buildings—Industrial (Continued)

Tex., Corpus Christi—ICE PLANT—Texas Central Power Co., c/o Frost Bank Bldg., San Antonio, taking bids 34 x 100 ft., rein.-con., brick and steel, 50 ton capacity, here. $110,000. Private plans.

Okla., Blackwell—LAUNDRY—See "Contracts Awarded."

CONTRACTS AWARDED

Mass., Fall River — GARAGE and REPAIR SHOP — Fall River Gas Works Co., 393 Madison Ave., 1 story, 55 x 119 ft., rein.-con. and brick, to Beattie & Cornel, 33 North Quarry St. Archts. est. $40,000.

Mass., Lowell — REPAIR and SUPPLY SHOP — Boston Auto Supply Co., 96 Bridge St., 1 story, 46 x 200 ft., brick, Bridge St., to Runels Constr. Co., Hildreth Bldg. Archts. est. $40,000.

Mass., New Bedford — MANUFACTURING, etc. — Ted Toy-Lers, Inc., 55 South Water St., 4 story, 50 x 97 ft., brick and timber manufacturing building and store, South Water St., to W. Young, 122 Union St. Archts. est. $100,000.

Mass., South Boston (Boston P. O.) — FACTORY — Gillette Safety Razor Co., 41 West 1st St., 8 story and basement, 73 x 167 ft. blade building, West 1st St., and 8 story and basement, 75 x 152 ft. handle building, West 1st and Granite Sts., to Turner Constr. Co., 178 Tremont St., Boston. Archts. est. $450,000 and $400,000 respectively. Noted Nov. 12.

Conn., Hartford — BOILER SHOP — Whitlock Coil Pipe Co., South St., Elmwood Sect., 1 story, 120 x 165 ft., brick and steel, to Standard Erecting Co., 110 East 42nd St., New York City. Archts. est. $40,000.

Conn., Waterbury — FACTORY — Amer. Brass Co., Grand St., 3 story, 62 x 137 ft., brick and steel addition, to Tracy Bros. Co., 52 Benedict St. Archts. est. $75,000.

Conn., Waterbury — FACTORY — H. Weyand Co., 45 Brown Pl., 3 story and basement, 40 x 65 ft., brick and steel addition, to O. LaCroix Constr. Co., 95 Bank St. Archts. est. $40,000 or more.

N. J., Newark—FACTORY—F. N. Dubois Co., 5 buildings ranging from 90 x 160 ft. to 50 x 120 ft., steel and brick, here, to Austin Co., 1015 Chestnut St., Phila., Pa.

Pa., Economy (Ambridge P. O.) — MACHINE SHOP — Standard Seamless Tube Co., will build 1 story, 34 x 84 ft., brick and steel addition, by day labor. $70,000. Private plans.

Pa., Pittsburgh—CLEANING and DYEING PLANT — L. Henderson & Sons Co., 160 Henderson St., general contract 2 story and basement, 40 x 106 ft. plant, Henderson St., to Austin Co., Union Trust Bldg. Engrs. est. $50,000.

Pa., Millvale—PLANING MILL—Bennett Lumber & Mfg. Co., general contract 1 and 2 story, 52 x 130 ft., Sedgewick St., to C. G. Taber, Evergreen Ave. Archts. est. $75,000. Noted Oct. 29.

Md., Canton (mail Baltimore) — FERTILIZER PLANT — Summers Fertilizer Co., Stock Exch. Bldg., Baltimore, J. E. Totman, pres., 1 story, 200 x 200 ft., steel storage plant, here, to Austin Co., 1015 Chestnut St., Phila., Pa., $200,000.

Ga., Atlanta—CANDY MANUFACTURING PLANT — Whitehead Realty Co., 4 story, 40 x 80 ft., rein.-con., brick and tile plant, to Smith & Williams, Inc., 407 Wayne-Clayton Bldg. Archts. est. $50,000. Morris Candy Co., lessee.

Ga., Columbus—GIN PLANT—Lummus Gin Co., Macon Rd., 1 story, 130 x 220 ft., brick and steel addition, to H. K. Ferguson Co., 6300 Euclid Ave., Cleveland, O., approximately $47,000.

O., Cleveland — HEAT TREATING PLANT — White Motor Co., T. R. Dahl, secy., 842 East 79th St., 1 story, 40 x 200 ft., brick and steel East 79th St., to G. A. Rutherford Co., 2725 Prospect Ave. Archts. est. $100,000.

O., Cleveland — FACTORY — F. N. Du Bois Co., Newark, N. J., five 1 story, 90 x 160 ft. and 50 x 120 ft., concrete, brick, steel and timber factory buildings, here, to Austin Co., 16112 Euclid Ave. Archts. est. $300,000.

O., Cleveland — FACTORY — T. Knight, Superior Arcade, 1 story, 132 x 163 ft., steel and timber, 1515 Fairfield Ave., to A. S. Cook, 1364 Bonnie View Ave., Lakewood. Archts. est. $50,000. Hollow Rib Co., 2729 Prospect Ave., lessee.

O., Newark—FACTORY—Pharis Tire & Rubber Co., A. R. Lindorf, pres., 765 West Main St., 2 story and basement, 80 x 105 ft., rein.-con. and brick addition, to E. H. Latham Co., 60 East Broad St., Columbus. Archts. est. $75,000. Noted Nov. 12.

O., Youngstown — STORAGE — Youngstown Ice & Fuel Co., P. B. Hunt, pres., 1421 West Federal St., 1 story, rein.-con. and brick storage building, to Natl. Concrete Fireproofing Co., Union Mortgage Bldg., Cleveland. Archts. est. $100,000. Noted Aug 27.

Ind., Indianapolis — GARAGE and WAREHOUSE, etc. — Standard Oil Co., 802 Lord St., 1 story, 82 x 86 ft. garage, and 3 story, 54 x 160 ft. warehouse, both brick, steel and rein.-con., near South Keystone St. and Cleveland, Cincinnati, Chicago and St. Louis R.R. tracks, to R. W. Bauman, 3345 Central Ave., archts. est. $40,000 and $50,000 respectively; also will build 300,000 gal. and 60,000 gal. storage tanks, by day labor, $35,000. Schlintz & Bailey, Monadock Bldg., Chicago, Ill. engrs.

Wis., Neillsville—CANNING FACTORY—Clark County Canning Co., will remodel 2 story canning factory and construct 2 story, 74 x 100 ft., brick and timber warehouse addition, plain foundation, by day labor. $50,000. Private plans.

Wis., Milwaukee—PACKING PLANT—Armour & Co., 131 Muskego Ave., L. A. Evars, supt. constr., will remodel and construct 3 story, 10 x 150 ft. and 26 x 80 ft., brick and timber addition, plain foundation, Muskego Ave., by day labor. $65,000.

Wis., Racine—MANUFACTURING—J. Sorenson & Son Co., Berryville Rd., will build 1 and 2 story, 52 x 259 ft., concrete block factory, plain foundation, by day labor. $65,000. Private plans. Noted Nov. 12.

Mo., Joplin—SASH and DOOR FACTORY—H. N. Van Fleet, Carthage, will rebuild 1 story, 100 x 200 ft. factory, recently destroyed by fire, by day labor. Private plans.

Mo., Springfield — STEEL FOUNDRY — Standard Semi-Steel Fdry. Co., Clinton, C. T. Wilkes, Clinton, genl. mgr., will build 1 story, 64 x 200 ft., concrete and steel, West Chase St., with own forces; steel work, to Truscon Steel Co., 610 Bryant Bldg., Kansas City. Archts. est. $40,000. Private plans. Noted Oct. 15.

Okla., Blackwell — LAUNDRY — Model Laundry Co. will build 50 x 140 ft. laundry, by day labor. $40,000. Private plans.

Buildings—Commercial

PROPOSED WORK

Vt., Brattleboro — HOTEL, THEATRE and STORE — E. W. Benson, Greenfield, Mass., having plans prepared by J. A. Tuck, 439 Park Sq. Bldg., Boston, Mass., 4 story and basement, 100 x 200 ft., brick and terra cotta, plain foundation. $200,000.

Mass., Cambridge (Boston P. O.)—FIRE STATION—City, E. W. Quinn, chn. Com. on Pub. Property, plans central fire station. $150,000 or more. Engineer and architect not selected.

Mass., Lowell—THEATRE—S. Katz, c/o J. A. Tuck, archt., 439 Park Sq. Bldg., Boston, having sketches made 1 story and basement, 100 x 150 ft., brick and terra cotta, Merrimack St. $150,000.

Mass., Northampton — HOTEL — Northampton Hotel, T. McGrath, treas., having preliminary plans prepared by H. L. Stevens Co., 522 5th Ave., New York City. 5 story and basement, 45 x 200 ft., rein.-con. and steel, King and Court Sts.

Mass., Sharon — HOTEL — Springers Inn, c/o A. Rosenstein, archt., 220 Devonshire St., Boston, having plans prepared 4 story and basement, brick, Massapoag Ave., here. $150,000.

Conn., Bristol — HOTEL — Hotel Perl, 159 North Main St., H. Perlstein, proprietor, had plans prepared 4 story and basement, brick and steel addition. To exceed $150,000. Private plans.

Conn., Hartford—APARTMENTS—S. I. Ward, 750 Main St., having plans prepared by Berenson & Moses, 30 Allyn St., two 3 story, 35 x 132 ft., brick and steel, Farmington Ave. $225,000.

Conn., Hartford—BUSINESS—A. Steiger, Inc., Springfield, Mass., having plans prepared by Smith & Bassette, 36 Pearl St., here, 5 story and basement, 100 x 165 x 550 ft., brick and steel, Pratt and Trumbull Sts. $750,000.

Conn., South Norwalk — THEATRE — H. Goodwin, 16 Spring St., having plans prepared by A. S. Meloy, 2965 Main St., Stratford, 1 story and basement, brick, steel and terra cotta, to exceed 1,500 seating capacity, Washington St. $200,000.

Conn., Waterbury — APARTMENT — W. H. Hurley, 25 Spencer Ave., had plans prepared by H. T. Butler, 45 Center St., 4 story and basement, 70 x 76 ft., brick, steel and limestone, Willow Hillside Ave. $150,000.

N. Y., Brooklyn—CLUBHOUSE—Y. M. H. A., 20th Ave., plans 3 story, 100 x 170 ft., brick, steel and stone, Bergen Ave. Engineer and architect not selected.

N. Y., New York—APARTMENT—D. Houlihan & Sons, c/o C. Schaefer, Jr., archt. and engr., 3rd Ave. and 148th St., having plans prepared 5 story, 125 x 190 ft., brick, steel and stone, plain foundation, 234th St. near White Plains Ave. $200,000.

N. Y., New York—APARTMENT—Elban Realty Corp., c/o Schwartz & Gross, engrs. and archts., 347 5th Ave., plans 14 story, 102 x 150 ft., brick, steel and stone, plain foundation, Park Ave. and 80th St. $1,400,000.

N. Y., New York—APARTMENT and STORE—G. Halpern, c/o C. Kreymborg, engr. and archt., 2534 Marion Ave., plans 50 x 100 ft., brick, steel and stone, plain foundation, West 231st St. $200,000.

N. Y., New York—GARAGE—Motor Inn, Inc., R. T. Lipscombe, Jr., 1194 2nd Ave., plans 15 story, rein.-con., brick and steel, plain foundation, 39th St. near 8th Ave. $2,000,000. Engineer and architect not selected.

N. Y., New York—LOFT—Five Hundred Fifty-three 8th Ave. Corp., c/o Shampan & Shampan, archts. and engrs., 188 Montague St., Brooklyn, having plans prepared 25 story, brick, steel and stone plain foundation, 8th Ave.

N. Y., White Plains — THEATRE and OFFICE—H. & S. Sonn, Inc., plan brick, steel and stone, Main St. $2,000,000. Engineer and architect not selected. B. F. Keith-Albee Circuit, Palace Theatre Bldg., Bway., New York City, lessee.

N. J., Asbury Park — CONVENTION HALL — City having plans prepared by Warren & Wetmore, 16 East 47th St., New York City, convention hall. $1,500,000.

N. J., Atlantic City — CONVENTION HALL — Mayor and City Comrs. having plans prepared by Lockwood, Greene & Co., archts. and engrs., 24 Federal St., Boston, Mass., 350 x 650 ft., rein.-con., brick and stone, Boardwalk, Mississippi, Georgia and Pacific Aves.

Pa., Butler—AUDITORIUM, etc.—Butler Fair Grounds Assn., c/o E. A. Gibson, having plans prepared 1 story, 48 x 320 ft. auditorium incl. several rows bleachers and stables. $150,000. Private plans.

Pa., Chester — THEATRE and STORE, etc.—Soon lets contract C. S. Adams, archt., 2038 Spruce St., Phila., 4 story and basement, 140 x 150 ft., rein.-con., brick and steel, plain foundation, 3rd St. and Central Ave. $500,000. Owner's name withheld. Noted Nov. 12.

Pa., Lansdowne — APARTMENT—Myers & Shaw, archts., Bankers Trust Bldg., preparing plans 4 story and basement, 130 x 130 ft., brick and steel, plain foundation. $300,000. Owner's name withheld.

Pa., McKeesport — OFFICE — National Tube Co., Frick Bldg., Pittsburgh, having plans prepared by E. Stotz, Monongahela Bank Bldg., Pittsburgh, 2 story and basement, irregular shaped, brick and hollow tile, Jerome Ave. $500,000.

Pa., Phila.—STORE and APARTMENT—Soon lets contract L. Tonk, archt., 206 Bailey Bldg., 2 story and basement, 92 x 100 ft., brick and steel, plain foundation, Mt. Airy and Germantown Aves., for S. Krekstein, Bulletin Bldg. $150,000. Noted Nov. 12.

O., Cleveland—COMMERCIAL, APARTMENT and CLUB — Republican Womens Club of Ohio, c/o S. M. Jacobi, Statler Hotel, having preliminary plans prepared by W. S. Ferguson Co., 1900 Euclid Bldg., 10 story and basement, brick, steel and concrete, East 82nd St. and Euclid Ave. $1,250,000. Noted Sept. 24.

O., Cleveland—HALL and HOSPITAL—Voted $2,000,000 bonds for 1 story public hall addition, East 6th St. and St. Clair Ave.; and $626,000 bonds for hospital, both concrete, brick and steel. H. Kregelius, city archt.

O., Dayton——HOME—Montgomery Co. voted $400,000 bonds new Childrens Home. Engineer and architect not selected.

O., Youngstown — EXCHANGE — Ohio Bell Telephone Co., C. P. Cooper, pres., is not having plans prepared, 2 story, brick and steel exchange, LaBelle Ave. Site has been purchased and office building may be constructed within next 2 or 3 years. This corrects report in Oct. 22 issue.

Mich., Highland Park (br. Detroit) — APARTMENT — Highland Building Corp., Spencer, White & Prentis, 1200 Washington Blvd. Bldg., having plans prepared by L. Chesnow, 333 State St., Detroit, (10 units) 5 story and basement, rein.-con., brick, and stone, plain foundation, Bartlett Ave. $3,000,000.

Ill., Chicago — APARTMENT — P. M. Gordon, 3167 Pine Grove Ave., having preliminary plans prepared by Guske & Foster, 750 North Michigan Ave., 16 story and basement, 100 x 107 ft., Pearson and De Witt Sts. $1,500,000.

Ill., Chicago—APARTMENTS—Leichenko & Esser, archts., 38 South Dearborn St., take bids about Nov. 25, four 3 story, brick apartments, two 97 x 125 ft. each, West 79th St. and Oakley Ave. and two 24 x 60

Buildings—Commercial (Continued)

ft. each, West 79th St., for Tutules & Dignan, 133 West Washington St. $680,000.

Ill., Chicago — HOTEL — Syndicate, c/o A. A. Schwartz, archt., 720 North Michigan Ave., had plans prepared 14 story, 50 x 115 ft., brick and terra cotta, Hyde Park Blvd. and Cornell Ave. $1,500,000.

Ill., Chicago—HOTEL—C. Morgan, c/o J. A. Nyden, archt., 190 North State St., had preliminary plans prepared and takes bids about Dec. 1, 10 story and basement, 100 x 150 ft., brick, steel and terra cotta, Hyde Park Blvd. and Dorchester Ave. $1,250,000.

Ill., Chicago—HOTEL—M. A. Howell & S. Smith, 4911 Winthrop Ave., having plans prepared by R. F. France & Co., 155 North Clark St., 29 story and basement hotel, Chestnut St. near Seneca St. $2,000,000.

Ill., Chicago—HOTEL—Plotke & Grosby, 111 West Washington St., had sketches made by Huszagh & Hill, 6 North Michigan Ave., 24 story, 100 x 107 ft., rein.-con., brick and steel, 210-218 Pearson St. $2,000,000.

Neb., Omaha — THEATRES — Epstein Bros. Realty Co., 4932 South 24th St., plans five 86 x 170 ft., rein.-con. and brick theatres, here. $50,000 each. J. T. Allan, Brandeis Theatre Bldg., archt. Contract for an additional 86 x 170 ft. rein.-con. and brick theatre, 16th and Corby Sts., to A. Beck, Keeline Bldg. $50,000.

Mo., St. Louis — THEATRE — W. Goldman, c/o Kings Theatre, Kingshighway near Delmar Blvd., having plans prepared and soon takes bids 2 story and basement, rein.-con., brick, stone and terra cotta, Union Blvd. near St. Louis St., $150,000; also airdome, 1,500 seating capacity, adjoining Kingsland Theatre, 6457 Gravois Ave., $50,000. Private plans.

Okla., Oklahoma City—OFFICE—Southwestern Bell Telephone Co., Bway. and Locust Sts., St. Louis, Mo., making preliminary plans 10 story and basement, concrete, brick, steel and stone administration office building, here. $1,000,000. Private plans.

Calif., Los Angeles—STORE and LOFT—Curlett & Beelman, archts., Union Bank Bldg., soon take bids 6 story and basement, 85 x 130 ft., rein.-con., Los Angeles St., for Army & Navy Store, c/o architects. $200,000.

Calif., Los Angeles—THEATRES—H. L. Arnold, West 7th and Figueroa Sts., having plans prepared by T. Lamb, 644 8th Ave., New York City, N. Y., 2 theatres, 5,000 seating capacity, on 209 x 294 ft. site from 7th St., to Wilshire Blvd. $5,000,000. W. Fox, 1417 North Western Ave., lessee for one and A. G. Wilkes, 714 South Hill St., lessee for other.

Calif., Marysville — THEATRE — Paramount Theatre Corp., 201 Golden Gate Ave., San Francisco, having plans prepared by L. F. Starks, Ochsner Bldg., Sacramento, fireproof, 1,500 seating capacity, here. $150,000.

Calif., Oroville—THEATRE—Paramount Theatres Corp., 201 Golden Gate Ave., San Francisco, having plans prepared by L. F. Starks, Ochsner Bldg., Sacramento, fireproof, 1,500 seating capacity, here. $150,000.

Calif., Placerville — THEATRE — Paramount Theatres Corp., 201 Golden Gate Ave., San Francisco, having plans prepared by L. F. Starks, Ochsner Bldg., Sacramento, fireproof, 1,500 seating ,capacity, here. $150,000.

Calif., San Francisco—HOTEL—Hyman & Appleton, archts., 68 Post St., take bids within 60 days, 10 story and basement, rein.-con., Taylor St. near Ellis St., for E. Tropp, 129 Sutter St. $325,000.

Calif., Santa Maria—THEATRE—West Coast Jr. Theatres, Washington St. and Vermont Ave., Los Angeles, plans fireproof theatre, 1,500 seating capacity. $150,000.

BIDS DESIRED

Mass., Greenfield — HOTEL — Weldon Hotel Corp., J. T. Sellew, mgr., c/o Smith & Annable, archts., 143 State St.; Springfield, taking bids 4 story and basement, brick. Main St. $150,000. Noted Oct. 29.

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. Y., New York — HOTEL — See "Contracts Awarded."

N. J., Burlington—BANK—Nov. 28, by H. A. Brown, archt., Burlington, 2 story, basement and mezzanine, 44 x 102 ft., rein.-con., steel and stone, plain foundation, High and Broad Sts., for Mechanics Natl. Bank, 11 West Broad St. $150,000.

N. J., Camden—HOSPITAL—Nov. 23, by Morris & Erskine, archts., 1716 Cherry St., Phila., Pa., general contract 3 and 4 story and basement, 81 x 134 ft., rein.-con., brick and steel, plain foundation, here, for Cooper Hospital. Total $500,000.

N. J., Moorestown—BANK—Nov. 25, by Davis, Dunlap & Barney, archts., 805 South Walnut St., Phila., Pa., 1 story, basement and mezzanine, 42 x 83 ft., rein.-con., brick and steel, plain foundation, here, for Moorestown Trust Co.

Pa., Pittsburgh — WAREHOUSE — A. Kahn, archt., 1000 Marquette Bldg., Detroit, Mich., taking bids 5 story and basement, 97 x 328 ft., rein.-con. and brick, Heinz and Progress Sts., here, for H. J. Heinz Co., Heinz St.

Pa., Phila.—HOSPITAL—Nov. 25, by Zantzinger, Borie & Medary, archts., Otis Bldg., 4 story and basement, 60 x 142 ft., rein.-con., brick and steel out patients building, plain foundation, 8th and Spruce Sts., for Pennsylvania Hospital. $350,000. Noted May 28.

Pa., Sharon — COMMERCIAL and APARTMENT — E. S. Hanna & E. E. Clapper, archts., McDowell Natl. Bank Bldg., taking bids 3 story and basement, 51 x 119 ft., brick, concrete and steel, for E. E. Anderson, c/o architects. $150,000.

Va., Virginia Beach—HOTEL—Nov. 25, by Neff & Thompson, archts., Seaboard Natl. Bank Bldg., Norfolk, and G. B. Post & Sons, archts., 101 Park Ave., New York City, N. Y., 7 story, irregular size, brick and steel hotel, here, for Virginia Beach Hotel Corp., c/o architects. $1,000,000. Noted Jan. 22.

Fla., Palm Beach — HOTEL — See "Contracts Awarded."

O., Cleveland — APARTMENT — Ridgewood Building Co., A. B. Smythe, pres., Smythe Bldg., taking bids 5 story and basement, 118 x 118 ft., concrete, brick and steel, East 117th St. and Euclid Ave. $500,000. A. M. Allen & Co., 7016 Euclid Ave., archts.

O., Cleveland — WAREHOUSE — Kroger Grocery & Baking Co., 813 Main St., Cincinnati, taking bids 4 story and basement, 206 x 408 ft., rein.-con. and brick, East 55th St. and Hydraulic Ave., here. $400,000. C. M. Stegner, 707 2nd Natl. Bank Bldg., Cincinnati, archt.

Ill., Chicago — APARTMENT — B. W. Constr. Co., (C. F. Henry & J. H. Buttas, owners of same), 720 Cass St., taking bids 12 story, 70 x 150 ft., rein.-con. brick and stone, 55th St. and Hyde Park Blvd. $1,500,000. Lowenberg & Lowenberg, 111 West Monroe St., archts.

Ill., Chicago—APARTMENT—Nov. 25, by R. Gregori, archt., 155 North Clark St., 3 story and basement, 85 x 125 ft., brick and stone, plain foundation, Ainslie and Magnolia Aves., for N. and L. Wallach, 6438 Greenview Ave. $350,000.

Ill., Chicago—CLUB—Jan. 1, by P. Gerhardt, archt., 64 West Randolph St., 15 story, basement and sub-basement, 100 x 160 ft., rein.-con., brick, steel and terra cotta, wood pile foundation, Sheridan Rd. and Ardmore Ave., for Edgewater Athletic Club, F. A. Harkness, secy., 105 West Monroe St. $3,500,000. Noted May 1, 1924.

Calif., San Francisco — APARTMENT — See "Contracts Awarded."

Calif., San Francisco—HOTEL—Weeks & Day, archts., California Insurance Bldg., taking bids 15 story, brick, terra cotta and steel, Mason St. between Pine and California Sts., for California-Mason Realty Co. $4,500,000. Noted Oct. 22.

BIDS RECEIVED

Pa., Pittsburgh — POLICE STATION — City, c/o Dept. Pub. Safety, 4 story and basement, police and fire station, Water and Short Sts., from Taylor Meyer Co., Keystone Bldg., $21,042, alternate add $8,515. Noted Oct. 8.

Mont., Bozeman—WOMENS—State Bd. Examiners, L. Dennis, clk., Helena, Oct. 28, Womens Building, 3 story and basement, rein.-con. and brick, at State University, here, general contract, from O'Brien & Goss, Butte, $136,580.

Wash., Steilacoom—DORMITORY—State Dept. Business Control, Olympia, Oct. 30, 3 story and basement, 70 x 140 ft., rein.-con. and brick dormitory for Western State Hospital, here, from E. Anderson, Tacoma, $138,179. Noted Oct. 22.

Calif., Glendale—CLUB—Y. M. C. A., 845 East Washington St., Pasadena, 4 story and basement, rein.-con., here, from Sumner-Sollitt Co., Delta Bldg., Los Angeles, $169,000.

CONTRACTS AWARDED

Mass., Lynn—LODGE, etc.—Knights of Pythias, 3 story and basement, brick and steel lodge and store building, to K. A. Swanson, Inc., 7 Willow St. Archts. [illegible] $200,000. Noted Sept. 17.

R. I., Providence—BUSINESS—Bos[illegible] & Co., 10 Weybosset St., altering 5 sto[illegible] brick and steel, Custom House St., to C[illegible] tral Eng. & Constr. Co., 210 Main St., Pawtucket. Noted Sept. 17.

N. Y., New York—APARTMENT—E[illegible] worth Eng. Corp., c/o S. V. Becker, arc[illegible] and engr., 1301 Boston Rd., will build 6 story, 82 x 100 ft., brick, steel and sto[illegible] plain foundation, 153rd St. near St. An[illegible] Ave., by day labor. $200,000.

N. Y., New York—APARTMENT—T[illegible] Thousand Eight Hundred University Ave. Corp., c/o S. J. Kessler, engr. and archt., 529 Courtlandt Ave., will build 6 story, 94 x 100 ft., brick, steel and stone, plain foundation, Vyse Ave. near 174th St., by day labor. $175,000.

N. Y., New York—APARTMENT—Five Hundred Seventy-One Park Ave. Corp., c/o G. F. Pelham, engr. and archt., 200 West 72nd St., will build 15 story, 75 x 100 ft., brick, steel and stone, plain foundation, Park Ave. and 63rd St., by day labor. $600,000.

N. Y., New York—BANK and OFFICE—Seamans Bank for Savings, Wall St., 13 story, 90 x 140 ft., brick, steel and stone, plain foundation, Wall and Pearl Sts., to W. L. Crow Constr. Co., 103 Park Ave. Archts. est. $2,000,000. Noted Sept. 10.

N. Y., New York—COURT HOUSE—H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., general contract court house for 1st Dist., Williamsbridge Rd. and Roberts Ave., to Butler-Reissdorff Co., 120 East 41st St., $238,000. Noted Nov. 5.

N. Y., New York—HOSPITAL, etc.—Bd. Trustees Bellevue and Allied Hospitals, 415 East 26th St., J. J. McGrath, pres., general contract addition to Harlem Hospital, Lenox Ave. and 135th St. and nurses residence for Fordham Hospital, Southern Blvd. and Crotona Ave., to Butler-Reisdorf Co., 120 East 41st St., $89,680 and $357,700 respectively; plumbing, for Fordham Hospital, to Nally Plumbing & Contg. Co., 172 West 98th St., $42,780. Grand total $490,160. Noted Oct. 29.

N. Y., New York—HOTEL—H. Lanzner and I. Baer, 152 West 42nd St., will build 25 story, 100 x 250 ft., brick, steel and stone, plain foundation, Park Ave. and 88th St. $8,500,000. Work will be done by separate contracts.

N. J., Bloomfield — LABORATORY — Westinghouse Lamp Co., 150 Bway., New York City, 2 story, 93 x 113 ft., rein.-con. research laboratory, here, to Stone & Webster, Inc., 147 Milk St., Boston, Mass. A. Y. Hodgdon, supt. of constr.

Pa., Washington—BANK and OFFICE—Washington Trust Co., general contract 9 story and basement, 48 x 62 ft. addition, to Hutter Constr. Co., Fond du Lac, Wis. Archts. est. $500,000. Noted Oct. 22.

Fla., Jacksonville—BANK—Burnett Natl. Bank, 101 West Forsythe St., 105 x 105 ft. bank, Laura and Adams Sts., to J. Stewart, 17 East 42nd St., New York City. N. Y. Archts. est. $1,500,000. Noted Feb. 19.

Fla., Palm Beach — HOTEL — Harvey Development Co., c/o G. W. Harvey, 100 Milk St., Boston, Mass., will build 4 story and basement, 100 x 150 ft., brick, steel and terra cotta, Villa Rica, 25 mi. south of here. $500,000. Work will be done by separate contracts. E. B. Stratton, 25 Arch St., Boston, archt. Noted Oct. 7.

O., Cleveland—CLUB—University Club, G. W. Enger, mgr., 3813 Euclid Ave., 2 story and basement, concrete, brick and steel addition, 3813 Euclid Ave., to Van Blarcom Co., Natl. City Bldg. Archts. est. $150,000.

O., Youngstown—STORE—Strouse-Hirshberg Co., West Federal St., 6 story and basement, 95 x 300 ft., rein.-con., brick and steel, West Federal St., to Mellon-Stuart Co., Oliver Bldg., Pittsburgh, Pa., $1,500,000. Noted Oct. 22.

Ill., Chicago — APARTMENT — H. O. Stone & Co., 6 North Clark St., general contract 15 story and basement, 124 x 130 ft., rein.-con., brick and stone, 1320 North State St., to Hegeman-Harris Co., 431 North Michigan Ave. Archts. est. $1,000,000. Noted Oct. 22.

Ill., Chicago—BANK—Pullman Trust & Savings Bank, E. F. Bryant, pres., 504 East 111th Pl., 2 story, 100 x 101 ft., stone, 401-417 110th Pl., to Van Etten Bros., 11016 South Michigan Ave. Archts. est. $250,000.

Buildings—Commercial (Continued)

Ill., Chicago — OFFICE and STORE — Elizabeth Arden, Inc., 675 5th Ave., New York City, general contract 10 story and basement, 50 x 100 ft., brick, steel and stone, North Michigan Ave. and East Walton Pl., here, to Hegeman-Harris Co., Inc., 431 North Michigan Ave. Archts. est. $750,000.

Ill., Chicago — OFFICE and APARTMENT — Garfield Manor Building Corp., c/o Dubin & Eisenberg, archts., 14 West Washington St., 4 story, 125 x 150 ft., brick, Garfield Blvd. and Hamlin Ave., terra cotta, to Midland Terra Cotta Co., 105 West Monroe St.; masonry, to H. M. Lipman, 5079 West Monroe St.; carpentry, to H. Kaplan & Co., 2012 West Division St.; plumbing and heating, to J. Schiller Co., 1512 West Roosevelt Rd. Archts. est. $650,000.

Ill., Chicago — THEATRE, STORE and OFFICE—J. B. Eberson, archt., 212 East Superior St., general contract and foundation, 3 story, 125 x 175 ft., rein.-con., brick, steel and terra cotta, 1643-1657 East 79th St., to J. Lind Constr. Co., 6404 South State St., for Natl. Theatre Corp., 7941 South Halsted St. Archts. est. $1,200,000. Noted May 7.

Ill., Oak Park — HOSPITAL — West Suburban Hospital, 506 North Austin Blvd., general contract 6 and 8 story, 45 x 138 ft. and wing, rein.-con., brick and stone addition, to Guy & McClintock Co., 7234 Circle Ave. Archts. est. $550,000.

Neb., Omaha — THEATRE — See "Proposed Work."

Mo., Kansas City — HOTEL — Armour-Warwick Blvd., A. R. Young, pres., 3619 Bway., 12 story and basement, first two floors 140 x 180 ft. and ten 90 x 180 ft., steel, plain foundation, Bway. and Valentine Blvds., to Fleming-Gilcrist Constr. Co., 320 New York Life Bldg. Archts. est. $1,600,000.

Mo., St. Louis—APARTMENT—Howard & Finley, archts., International Life Bldg., will build 6 story and basement, 68 x 92 ft., rein.-con., brick and stone, McPherson and De Baliviere Sts., by day labor, for Housam Realty Co., International Life Bldg. $250,000.

Mo., St. Louis—THEATRE, etc.—R. Levine, 822 West 70th St., Chicago, Ill., general contract 1 story and basement, 86 x 190 ft. theatre, 4519 Gravois Ave., 3 story and basement apartment, 4523-47 Gravois Ave., and 3 story and basement apartment, 4205-15 Ellenwood Ave., all brick, concrete, stone and terra cotta, to Guhman-Levine Constr. Co., 822 West 70th St., Chicago, Ill. Archts. est. $1,000,000. Noted Oct. 22.

Tex., Amarillo — WAREHOUSE and SERVICE STATION—International Harvester Co., 606 South Michigan Ave., Chicago, Ill., 3 story, 106 x 150 ft. warehouse, and 1 story, 80 x 100 ft. service station, rein.-con. and brick, to H. W. Underhill Constr. Co., 235 West Waco. St., Wichita, Kan. Archts. est. $225,000.

Tex., San Antonio—APARTMENT—H. A. Wood and associates, Travis Bldg., San Antonio, 7 story and basement, rein.-con., brick, stucco, tile, etc., plain foundation, Bushnell and Shook Sts., to Kelwood Co., c/o Travis Bldg. Archts. est. $300,000. Noted Sept. 3.

Tex., Temple — HOSPITAL — Santa Fe Ry. Employees Hospital, 4 story and part basement, rein.-con., brick and stone addition, plain foundation, to H. D. McCoy, Temple, approximately $150,000.

Calif., Long Beach — HOTEL — F. B. Dunn, 12 story, 125 x 232 ft., rein.-con. hotel, etc., Ocean Ave., to W. G. Reed, Pacific Southwest Bank Bldg. Archts. est. $850,000. Noted Oct. 8.

Calif., Los Angeles—OFFICE, GARAGE, etc.—Walker & Eisen, archts., Great Republic Bldg., 2 story, 182 x 217 ft., rein.-con. top addition, 6th and Loomis Sts., to J. M. Cooper, 321 Rives-Strong Bldg., for Union Automobile Insurance Co., Lane Mortgage Bldg., $150,000. Noted July 30.

Colo., Denver — OFFICE — Continental Oil Co., 10 story and basement, 125 x 125 ft., steel and rein.-con., 18th and Glenarm Sts., to G. M. Tamblyn, Sweeney Bldg., $721,000; plumbing and heating, to Johnson-Davis, Plumbing & Heating Co., Den-

Calif., San Francisco—APARTMENT—Chin-Pack Co., c/o W. I. Garren, archt., DeYoung Bldg., will build 5 story, brick and steel, Sacramento St. near Stockton St., by day labor and segregated contracts under supervision of architect. $150,000.

Calif., San Francisco — APARTMENT — W. Helbing, 1332 Lombard St., will build 5 story and basement, steel and concrete, Hyde and Ellis Sts., by day labor. $160,000. Noted July 31.

Buildings—Educational, Religious

PROPOSED WORK

Mass., Agawam — CHURCH — Flower Memorial Community Church, c/o W. Dibble, archt., 21 Besse St., Springfield, having revised plans prepared 1 story and basement, 60 x 105 ft., brick and stone, here. $150,000.

Mass., Pittsfield—HIGH SCHOOL—City, School Com., C. L. Hibbard, chn., having preliminary plans prepared by Harding & Seaver, associated archts., 7 North St. To exceed $150,000.

Mass., Waltham (Ind. br. Boston) — SCHOOL — City, W. H. Slayton, supt. schools, having preliminary sketches made by Hutchins & French, 11 Beacon St., Boston, 3 story and basement, brick, Parmenter Rd. off High St. $400,000.

R. I., North Kingstown (mail Davisville) — HIGH SCHOOL — Town, School Bd., having preliminary plans prepared by W. R. Walker & Son, 49 Weybosset St., Providence, Senior High School, 3 story and basement, brick. To exceed $150,000.

Conn., Danbury — SCHOOL, etc. — Wooster Episcopal Preparatory School, A. Coburn, pastor St. James Church, head master, having plans prepared by Sunderland & Watson, 248 Main St., school dormitory and chapel in Ridgebury Sect. $150,000 or more. J. M. Howells, 367 Lexington Ave., New York City, engr.

N. J., Jersey City—SCHOOL—Bd. Educ., plans School 22, brick, steel and stone, Halladay St. $240,000. Engineer and architect not selected.

Fla., Tampa—HIGH SCHOOL—Election in December, $4,100,000 bonds, Junior High School in Dist. 1-45.

Miss., University—GYMNASIUM—University of Mississippi, A. Hume, chancellor, making preliminary plans brick and concrete gymnasium building. $150,000 upwards.

La., Baton Rouge — SCHOOL — East Baton Rouge Parish School Bd. having plans prepared by Wogan & Bernard, Baton Rouge, 3 story, brick school, Bernard Terrace. $200,000.

La., New Orleans — SCHOOL — Orleans Parish School Bd. had plans prepared by E. A. Christy, City Hall Annex, for McDonough No. 9, rein.-con. and stone, Rocheblave and Onzaga Sts. $150,000.

Tenn., Knoxville — CHURCH — Church Street Methodist Episcopal Church, D. F. Knickerbocker, pastor, raising $300,000 funds for church on Church and Market Sts.

O., Bexley (Columbus P. O.)—SCHOOL—Bd. Educ., J. Henry, clk., having plans prepared by Miller & Reeves, 16 South 3rd St., Columbus, Grade and Junior High School, 3 story, rein.-con. and brick, Cassingham and Elm Sts. $300,000 bonds voted. Noted Oct. 1.

O., Mt. Union Sta. (Alliance P. O.) — MUSIC HALL — Mt. Union College, Alliance, plans Georgian type, 3 unit music hall, Simpson St. and Union Ave., here. $150,000. W. H. McMasters, pres.

O., Rocky River—HIGH SCHOOL—Voted $350,000 bonds, 2 story and basement, rein.-con. and brick high school. Engineer and architect not selected. Noted Oct. 22.

O., Upper Arlington — SCHOOL — Bd. Educ., J. A. Jones, clk., having plans prepared by H. D. Smith, 16 South 3rd St., Columbus, 2 story, 45 x 75 ft. gymnasium and auditorium and 50 x 65 ft. addition, brick, $165,000 bonds voted.

Mich., Detroit—SCHOOL—De La Salle College, c/o R. C. Gies, 415 Brainard St., archt., having plans prepared 2 story and basement, rein.-con., brick and steel, plain foundation, Connors Rd. $150,000.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., plans 2 story and basement, rein.-con., steel and brick, plain foundation, Puritan Ave. $250,000. Engineer and architect not selected.

Mich., Detroit — SCHOOLS — Bd. Educ., 1354 Bway. Ave., having plans prepared by Malcolmson & Higginbotham, 1217 Griswold St., 2 story and basement, brick, steel and stone, plain foundation, Martin and McGraw Aves., $200,000; also by McGrath, Dohmen & Page, 2231 Cass Ave., 2 story and basement, 200 x 200 ft., rein.-con., brick and steel, plain foundation, Clippert and Clayton Aves., $400,000.

Mich., Newberry—HIGH SCHOOL—Bd. Educ., H. Kunert, pres., soon takes bids 2 story and basement, rein.-con., brick and steel, plain foundation. $300,000. G. Arntzen, Escanaba, archt.

Wis., Fond du Lac — CHURCH — Our Saviours Evangelical Lutheran Congregation, c/o B. Stecker, 253 Sheboygan St., pastor, having plans prepared by Parkinson & Dockendorff, Linker Bldg., La Crosse, superstructure 2 story, brick and stone church; plain foundation awarded to Immel Constr. Co., Dana Bldg., Fond du Lac. Archts. total est. $150,000. Noted Sept. 17.

Minn., Minneapolis — CHURCH — Hope Lutheran Church, c/o S. S. Thorpe, 1216 6th St. S. E., plans rein.-con., brick and stone, 6th St. and 13th Ave. S. E. Archts. total est. $150,000. Contract for foundation and 1st floor slab, to Pehrson Bros., 555 Temple Court Bldg., $17,000.

Ia., Cedar Rapids—GYMNASIUM—Coe College, G. T. Hedges, chn. building com., plans 3 story and basement, rein.-con. and brick gymnasium. $175,000. Engineer and architect not announced.

Minn., Columbia Heights (Minneapolis P. O.) — SCHOOL — Bd. Educ., G. R. Warren, clk., 4144 Northeast 5th St., Minneapolis, having plans prepared by Stebbins & Haxby, 320 Lyceum Bldg., Minneapolis, 3 story and basement, rein.-con. and brick school. $250,000.

Minn., Minneapolis — AUDITORIUM — State Dept. Administration & Finance, Capitol, St. Paul, having plans prepared by C. H. Johnston, 715 Capital Bank Bldg., St. Paul, 3 story and basement, rein.-con., brick and stone, at State University, here. $1,000,000.

Minn., Virginia — SCHOOL — Bd. Educ. having revised plans prepared by C. W. Kelley, 505 Lonsdale Bldg., Duluth, 2 story and basement, rein.-con. and brick school. $150,000. Former bids rejected. Noted Aug. 20.

Neb., Hastings—SCHOOLS—Bd. Educ., G. Kimball, Jr., secy., having preliminary plans prepared by K. H. Gedney Co., Loyal Mystic Legion Bldg., Junior and Senior High School, 3 story, 172 x 250 ft., brick and concrete; also Longfellow Grade School, 2 story, 180 x 220 ft. $500,000.

Neb., Omaha — GRADE SCHOOL — Bd. Educ., M. E. Byrd, secy., City Hall, plans 2 story and basement, brick, 4414 Hamilton St. $200,000. Engineer and architect not selected.

Mo., Columbia — SCHOOLS — Election Nov. 24, $515,000 bonds, for 12 room Benton School, new high school and manual training addition to Fred Douglass High School. W. B. Ittner, 911 Locust St., St. Louis, archt. Noted May 28.

Mo., Fayette—MUSIC CONSERVATORY, etc.—Central College, c/o A. Murry, bishop, plans new music conservatory, chapel, heating plant and remodeling various buildings. $750,000.

Tex., Austin — DORMITORY — M. W. Splawn, pres., c/o University of Texas, plans dormitory, to house 150 girls. $250,000-$300,000. Engineer and architect not selected.

Tex., Dallas—STATE TEACHERS—Bd. Educ., N. R. Crozier, pres., plans 12 or 15 story state teachers building. $200,000-$300,000. Engineer and architect not selected.

Tex., Lubbock—HIGH SCHOOL—Election Dec. 5, $170,000 bonds school improvements. Address Bd. Educ., Lubbock.

Tex., Wichita Falls—HIGH SCHOOL—City, W. W. Brown, secy. Bd. Educ., having plans prepared by Voelcker & Dixon, archts. and engrs., 312 Morgan Bldg., Junior High School, 2 story and basement, rein.-con., brick and stone, plain foundation. $200,000. Noted June 11.

Okla., Norman — CHURCH — Christian Church having preliminary plans prepared by O. Leadbetter, c/o Security Bank, 1 story and basement church, Dakota St. $250,000. Noted Aug. 6.

Okla., Tishomingo—CHURCH—Church of Christ making preliminary plans 1 story and basement, 116 x 130 ft. church, 1st St. $150,000. Engineer and architect not selected.

Okla., Tulsa — CHURCH and SUNDAY SCHOOL — Boston Avenue Methodist Episcopal Congregation, 5th St. and Boston Ave., J. Rice, pastor, having preliminary plans prepared by R. H. Hunt & Co., 1407 Southwest Life Bldg., Dallas, Tex., 1 story and basement, 100 x 175 ft., rein.-con. and brick, plain foundation, 13th St. and Boston Ave. $500,000.

Okla., Tulsa—HIGH SCHOOL—Bd. Educ., c/o C. D. Little, pres., 1544 North Main St., having preliminary plans prepared by L. I. Shumway, 725 New Wright Bldg., Junior High School, 2 story and basement, 116 x 210 ft., rein.-con. and brick, plain foundation, Birmingham and Independence

Buildings—Educational, Religious (Cont.)

Sts. $250,000. Gillham, Cook & White, 409 Interstate Bldg., mechanical engrs.

Calif., Hollywood — CHURCH — South Hollywood Presbyterian Church, having plans prepared by R. H. Orr, Corporation Bldg., Los Angeles, 1 story and basement, rein.-con., 750 seating capacity. $150,000.

Calif., Oakland—CHURCH—Portuguese Catholic Church (Church of Our Lady of Christians), having plans prepared by C. Fantoni, 550 Montgomery St., San Francisco, rein.-con., 23rd and East 19th Sts. $150,000.

Calif., San Mateo—HIGH SCHOOL—Plans election $300,000 bonds, high school for San Mateo Union High School Dist.

Ont., Toronto—SCHOOL—Bd. Educ. having plans prepared by C. E. Dyson, 155 College St., 2 story and basement, rein.-con., brick and steel, plain foundation, Moore Park. $150,000.

BIDS DESIRED

Mass., Boston — COMMUNITY — Boston Baptist City Mission, 525 Tremont Temple, taking bids 4 story and basement, brick, Green and Pitts St. $150,000. Kendall, Taylor & Co., 142 Berkley St., archts.

N. J., Camden—NURSES HOME, etc.—Nov. 23, by Lackey & Hettle, archts., 5 Hudson Ave., 5 story and basement, 45 x 115 ft. and 56 x 105 ft., rein.-con. and brick nurses home and childrens quarters, plain foundations, Mt. Ephraim St. and Atlantic Ave., for West Jersey Homeopathic Hospital. $300,000. Noted Sept. 3.

N. J., Montclair—SCHOOL—Dec. 7, by Bd. Educ., 22 Valley Rd., New Bedford School, brick, steel and stone, plain foundation. $350,000. Starrett & Van Vleck, 393 7th Ave., New York City, archts.

Pa., Cornwell Heights—SCHOOL—Dec. 1, by St. Charles Roman Catholic Church, c/o F. J. Flood, 2 story and basement, 50 x 100 ft., granite, stone and steel, plain foundation. $150,000. P. F. Geltz, Victory Bldg., Phila., archt.

Pa., Phila.—SCHOOL—Nov. 24, by Hoffman-Henon Co., archts., Finance Bldg., 3 story and basement, 47 x 144 ft., and 50 x 107 ft., brick, stone and steel, plain foundation, 72nd and Paschall Sts., for St. Clements Roman Catholic Church. $250,000.

Md., Baltimore—SCHOOL—Nov. 25, by Bd. Awards, 2 story, 64 x 138 ft., rein.-con. and brick, plain foundation, 5th St. and Claremont Ave. $165,000. H. G. Jory, Munsey Bldg., archt. H. Massart, 328 North Charles St., engr.

Fla., Tavares—SCHOOL—Nov. 30, by Bd. Pub. Instruction, Lake Co., for high school. $150,000 bonds voted for same. Lockwood & Poundstone, Forsyth Bldg., Atlanta, Ga., archts.

Tenn., Dandridge—HIGH SCHOOLS—Nov. 30, by A. Holtsinger, chn. Jefferson Co. Bd. Educ., 3 brick high schools, one at Jefferson City, one at White Pine, and other, here. $165,000. Barber & McMurray, 425 West Clinch Ave., Knoxville, archts. Noted June 4.

Ill., Chicago—INSTITUTE—Dec. 1, by E. H. Klaber & E. A. Grunsfeld, Jr., archts., 81 East Madison St., 3 story and basement, 147 x 188 ft., rein.-con., brick and steel, Douglas Blvd. and St. Louis Ave., for Jewish Peoples Institute, 1258 Taylor St. $600,000. I. F. Stern, 38 South Dearborn St., engr.

Ind., Indianapolis—SCHOOL—St. Philip Neri School, 550 North Rural St., taking bids and opens same about Nov. 22, 2 story and basement, 112 x 186 ft., brick, steel and rein.-con. school. $150,000. Henkel & Hanson, Connersville, archts. and engrs.

Ind., Indianapolis—SCHOOL—Nov. 24, by Bd. School Com., 150 North Meridian Ave., 2 story and basement, 105 x 191 ft., brick, steel and rein.-con. school. $160,000. Osler & Burns, Penway Bldg., archts. W. A. Breining, 511 Traction Terminal, engr.

Ind., Terre Haute—SCHOOL, etc.—Dec. 7, by Johnson, Miller, Miller & Yeager, archts., 30 North 5th St., 4 room addition to Lincoln School, $47,000; 8 room addition to Booker T. Washington School, $88,000, and factory type auto shop on 100 x 140 ft. site, at Gerstmeyer High School. $58,000, for City.

Wis., Milwaukee—SCHOOL—Nov. 27, by School Bd., for prevocational school, Windlake Ave. $600,000.

Calif., San Francisco—SCHOOL—Dec. 2, by Bd. Pub. Wks., Henry Durant School, fireproof, Buchanan and O'Farrell Sts., for City and San Francisco Co. $335,500. J. Reid, Jr., 1st Natl. Bank Bldg., archt.

BIDS RECEIVED

Tenn., Memphis—LABORATORY—Jones & Furbringer, archts., Porter Bldg., Nov. 5, general contract 5 story class room and laboratory building, Monroe Ave., from Blair Constr. Co., Rand Bldg., for University of Tennessee. $221,500. Noted Oct. 22.

O., Cleveland — CHAPEL and CREMATORY—City, W. R. Hopkins, mgr., Nov. 6, 2 story, 91 x 112 ft., concrete, brick and stone, Highland Park Cemetery, from W. F. Hendrick Co., 2773 East 53rd St., $234,333. Noted Oct. 22.

Mich., Detroit—SCHOOL—C. A. Gadd, bus. mgr. Bd. Educ., 1354 Bway. Ave., Oct. 31, Sherrill School, 2 story and part basement, 74 x 101 ft. and 82 x 191 ft., brick, steel and concrete, Garden and Prairie Aves., general contract from R. F. Hill, 408 West Fort St., $156,200; heating, etc., from Drake Avery Co., 210 State St., $57,449. Noted Oct. 22.

Mich., Flat Rock—HIGH SCHOOL—Bd. Educ., Oct. 29, 2 story and basement, 130 x 150 ft., rein.-con., brick and steel, plain foundation, from A. W. Kutsche Co., 333 State St., Detroit, $153,143. Noted Oct. 22.

Calif., Brawley — HIGH SCHOOL — Brawley Union High School, rein.-con. high school buildings, incl. carpenter and machine shop, from D. Callahan, Lankershim Bldg., Los Angeles, $159,975. Noted May 21.

CONTRACTS AWARDED

Mass., Fitchburg—SCHOOL—Immaculate Conception Parish, W. Morin, pastor, 2 story and basement, 65 x 105 ft., brick and stone, plain foundation, Walnut St., to L. Rocheford & Son, 44 Front St., Worcester. Archts. est. $150,000.

Mass., Worcester — DORMITORY — Assumption College, Assumption Ave., 3 story, 150 x 200 ft., brick, cast stone and steel, to J. J. Roberts, 4 Wall St. Archts. est. $250,000. Noted March. 12.

N. Y., Woodhaven (Jamaica P. O.) — SCHOOL — Bd. Educ., 500 Park Ave., New York City, general contract P. S. 63, Sutter Ave. from 90th to 91st Sts., here, to Hayson Constr. Co., 44 Court St., Brooklyn, $567,000; plumbing to J. A. Graf, 394 Waverly Ave., Brooklyn, $29,742; and heating, to Almirall & Co., Inc., 1 Dominick St., New York City, $78,314. Grand total $675,056. Noted Nov. 12.

Pa., Phila.—SCHOOL—Bd. Educ., c/o J. D. Cassell, supt. buildings, 19th and Chestnut Sts., 4 story and basement, 159 x 268 ft. school, Pike St. between 17th and 18th Sts., general contract to McCloskey Co., 1620 Thompson St., $997,847; heating, to J. Borden & Bros., 637 North 19th St., $63,840; plumbing, to S. Faith & Co., Inc., 2427 Pennsylvania Ave. $45,743; and electrical work, to Walker & Kepler, 531 Chestnut St., $32,281. Grand total $1,139,711. Noted Nov. 12.

Md., Baltimore—SYNAGOGUE—S. Russell, archt., 11 East Lexington St., 1 story, stone, plain foundation, to D. M. Andrew Co., Sisson and 26th Sts., for Shaari Sfiloh Congregation. $200,000.

Ind., Indianapolis—HIGH SCHOOLS—Bd. School Comrs., 150 North Meridian St., general contract Thomas Jefferson Colored High School, 2 story, 186 x 246 ft., West and 12th Sts., to Brown & Mick, 226 E. Michigan Ave., $405,251, heating and ventilating, to Freyn Bros., 1028 North Illinois St., $52,336; also general contract West Side High School, 2 story and basement, 148 x 229 ft., Washington St. and Sheffield Ave., to W. P. Jungclaus, 825 Mass Ave., $331,862, both rein.-con., brick and steel. Noted Sept. 24.

Wis., Madison — SCHOOL — Edgewood Academy, Monroe St., rein.-con., brick and steel, plain foundation, Monroe St., to J. H. Findorff & Son, 601 West Wilson St. Archts. est. $150,000.

Okla., Tulsa — HIGH SCHOOL — Bd. Educ., Theodore Roosevelt Junior High School, 3 story and basement, 135 x 215 ft., rein.-con. and brick, plain foundation, Owen St., to Shallenberger Constr. Co., 1631 East 6th St., $256,693. Noted Aug. 27.

Calif., San Francisco—ART—San Francisco Art Assn., 999 California St., part 1 and 2 story, rein.-con., Chestnut and Jones Sts., to G. Wagner, Inc., 181 South Park St., $220,000 (percentage basis). Noted Sept. 11.

Federal Government Work

PROPOSED WORK

Okla., Oklahoma City—POST OFFICE—Treas. Dept., J. A. Wetmore, acting Supervising Archt., Wash., D. C., reports no appropriation made for post office, here. This corrects report in Oct. 29 issue.

Calif., Mare Island — Dredging — Spec. 5172 — Bureau Yards & Docks, Navy Dept., Wash., D. C., plans dredging at Turning Basin (Submarine Repair Base), Navy Yard, here.

BIDS DESIRED

N. Y., New York—Dredging, etc.—Dec. 19, by U. S. Engineer Office, 710 Army Bldg., 39 Whitehall St., dredging and repairs to jetty, Browns Creek; adv. E. N.-R. Nov. 19.

Md., Baltimore—Storehouses—Dec. 3, Treas. Dept. at office Supervising Archt., Wash., D. C., storehouses, etc. at the U. S. Quarantine Station, here. J. A. Wetmore, acting supervising archt.; adv. E. N.-R. Nov. 19.

D. C., Wash.—Cruiser, etc.—Jan. 19, Navy Dept., constructing Scout Cruiser and furnishing main turbines and gears for Scout Cruisers 24 and 25, etc. C. Wilbur, secy.; adv. E. N.-R. Nov. 19.

Va., Norfolk—Bridge—Dec. 16, by U. S. Engineer Office, steel swing draw span highway bridge; adv. E. N.-R. Nov. 19.

Wyoming—Road—Dec. 1, by J. W. Johnson, dist. engr. Bureau Pub. Rds., Custom House, Denver, Col., grading, etc., 1 mi. Cody-Yellowstone Natl. Forest Road Project, Reservoir Sect., here.

BIDS RECEIVED

N. Y., Fulton—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., Nov. 12, remodeling and enlarging post office, here, from Unkefer Bros. Constr. Co., Pittsburgh, Pa., $10,350. Noted Oct. 22.

Ill., Great Lakes (br. Waukegan)—Ash Handling System — Spec. 5164—Bureau Yards & Docks, Navy Dept., Wash., D. C., ash handling system for Naval Training Station, here, from G. J. Hagan Co., Chamber of Commerce Bldg., Pittsburgh, Pa., (1) $6,768 (4) $1,200. Noted Oct. 29.

Calif., San Diego—Paving—Spec. 5162—Bureau Yards & Docks, Navy Dept., Wash., D. C., extending parade grounds at Naval Operating Base, here, from Gilmore Oil Co., San Diego, (1) $5,800 (2) $789.

CONTRACTS AWARDED

D. C., Wash.—Turbines—U. S. Engineer Office, Navy Bldg., installing and testing 3 hydraulic turbines for water supply, to S. Morgan Smith Co., York, Pa., $30,160. Noted Oct. 1.

Oregon-California—Bridges—Bureau Pub. Roads, Dept. Agriculture, New Post Office Bldg., Portland, Ore., 3 bridges on Grants Pass, Crescent City Highway, to L. R. Painter, Crescent City, $38,212.

California—Roads—C. H. Sweetser, dist. engr. U. S. Bureau Pub. Rds., San Francisco, crushed rock surfacing 11.86 mi. Sonora-Long Barn Natl. Forest Highway, Tuolumne Co., to M. Blumenkranz, Farmers & Merchants Bank Bldg., Stockton, $77,340. Noted Nov. 12.

Unclassified

PROPOSED WORK

Lighting System—Kissimmee, Fla.—Election Dec. 5, $30,000 bonds, for whiteway and electric lighting system.

Subway—Alliance, O.—Soon takes bids subway under Ft. Wayne tracks, on Johnson Ave. $283,430. City's portion of cost $100,000. H. Anderson, Alliance, engr.

Park Improvements — Cleveland, O. — Voted $1,600,000 bonds improving parks, incl. fireproof buildings, etc. S. Newman, City Hall, engr. H. Kregelius, City Hall, archt.

Lighting System — Oshkosh, Wis. — Park Bd., c/o G. Randall, city engr., soon takes bids 15,000 ft. cable, 40 aluminum holders, forty 250 c.p. lamps, 40 sockets and receptacles, etc. for street lighting system in South Park.

Land Development — St. Louis, Mo. — Cyrus Crane Wilmore Organization, Inc., Boatmens Bank Bldg., making preliminary plans developing approximately 100 acres in sub-division on South Kingshighway between Fyler and Penrod Aves. and extending westward, approximately 400,000 cu.yd. grading, etc., $400,000. Pitzman Eng. & Survey Co., 615 Chestnut St., engrs.

Park — Beaumont, Tex. — Election in December $50,000 bonds improving Magnolia Park. R. C. Black, city engr.

Gasoline Stills—Port Arthur, Tex.—Gulf Refining Co., plans 20 high pressure gasoline stills. $1,500,000. Work will probably be done by day labor. Private plans.

Stadium—Berkeley, Calif.—Regents of University of California, making preliminary plans enlarging stadium.

Stadium—Fresno, Calif.—State Normal School, Sacramento, plans 300 x 450 ft. stadium, etc., here. C. L. McLane, college pres.

Ornamental Lighting System—Hermosa Beach, Calif. — Plans ornamental street lighting system on Hermosa Ave. and various streets. To exceed $25,000. B. F. Brown, city clk.

Park Improvements—Inglewood, Calif.—Plans election $50,000 bonds, park improvements.

Swimming Pool — Los Gatos, Calif. — Making revised plans 40 x 70 ft. swimming pool. $20,000. Former bids rejected. R. Wyckoff, Growers Bank Bldg., San Jose, archt. Noted Oct. 8.

Unclassified (Continued)

BIDS DESIRED

Generators—Buffalo, N. Y.—Dec. 9, by State Hospital Comn., Capitol, Albany, electric generators, Buffalo State Hospital, here; adv. E. N.-R. Nov. 19.

Refrigeration Work, etc. — Dannemora, N. Y.—Dec. 8, by J. L. Long, supt. State Prisons, Capitol, Albany, refrigerating work and cold storage rooms at Dannemora State Hospital, here; adv. E. N.-R. Nov. 19.

Cable—New York, N. Y.—Dec. 15, by New York State Bridge & Tunnel Comn., and New Jersey Interstate Bridge & Tunnel Comn., Woolworth Bldg., 3 conductor, lead covered cables in 2 tunnels and in ventilation buildings for distributing electrical energy for power and lighting purposes, Contr. 20 of Holland Tunnel. G. R. Dyer, chn. former and T. Boettger, chn. latter commissions; adv. E. N.-R. Nov. 19.

Fire Alarm System—New York, N. Y.—Nov. 24, by T. J. Drennan, fire comr., Municipal Bldg., portion of underground fire alarm system, Bronx Boro.

Subway—New York, N. Y.—Nov. 27, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing subway, Sect. 2, Route 105, along and under Bway. from Cummings to West 211th Sts.

Steel Tank — Crown Point, Ind. — D. B. Straley taking bids 100,000 to 300,000 gal. steel tank on 100 ft. steel tower.

Light Plant Equipment—Springfield, Ill.—Dec. 7, at office of Mayor, Sect. 1, 1 surface type condenser with auxiliaries to condense steam for 7,500 kw. general electric turbine; Sect. 2, air conditioning equipment, incl. air filters for 7,500 kw., 4,000 kw., 3,000 kw., 1,500 kw. generators; Sect. 3, 2 water tube boilers with chain grate stokers, forced draft apparatus, and brick work, etc. $85,000. Burns & McDonnell, Interstate Bldg., Kansas City, Mo., engrs.

Docks—Milwaukee, Wis.—Nov. 25, by Dept. Pub. Wks., constructing 2 rein.-con. docks, one at Municipal Storage Yard east of 16th St. viaduct, $100,000; and other at Kinnickinnic flushing station, $12,000.

Street Lighting—St. Louis, Mo.—Dec. 15, by Bd. Pub. Serv., 208 City Hall, 9,367 rein.-con. standards complete, 1,250,000 ft. trenching and back fill, 2,000,000 ft. No. 8 steel taped and 100,000 ft. primary 5,000 volt lead covered cable, one 14 and two 12 transformer sub-stations, etc., for street lighting in Dists. B, C and D. $1,250,000. R. Toensfeldt, City Hall, engr.

Gas Pipe Line—Oklahoma—See "Contracts Awarded."

Transmission Line — Oklahoma — See "Contracts Awarded."

Subway — Cooksville, Ont. — Nov. 26, by S. L. Squire, deputy minister Dept. Pub. Hys., Parliament Bldgs., Toronto, concrete and steel subway under Canadian Pacific Ry. tracks on Hurontario St., north of here. $30,000. G. Hograth, 110 University Ave., Toronto, ch. engr.

CONTRACTS AWARDED

Steel Ferry Boats—Boston, Mass.—Dept. Pub. Wks., 2 steel ferry boats, to Bethlehem Shop Building Corp., 100 Milk St., $257,975 each. Noted Nov. 5.

Dock—Glassport, Pa.—Kelly Axe & Tool Co., Charleston, W. Va., 120 ft. concrete unloading dock on Monongahela River, to Dravo Contg. Co., Neville Island, Pittsburgh.

Gas Mantle Lamps, etc.—Phila., Pa.—For 10,955 gas mantle lamps and light on various streets, to Welsbach Street Lighting Co. of America, 1934 Market St., $603,511.

Storage Tanks—Indianapolis, Ind.—See "Buildings — Industrial under Contracts Awarded."

Foundation — Minneapolis, Minn. — See "Buildings — Educational, Religious under Proposed Work."

Culverts—Cottonwood Falls, Kan.—See "Streets and Roads."

Land Development — Clayton, Mo. — E. Davis Realty Co., 1101 Locust St., St. Louis, grading approximately 600,000 to 700,000 cu.yd. in subdivision on Ladue Rd., here, to L. Gary, c/o job; extending culverts, to J. Myers Constr. Co., Merchants Laclede Bldg., St. Louis, $25,000. Noted Nov. 5.

Boiler Washing Plant — Slaton, Tex. — Panhandle & Santa Fe Ry. Co. (subsidiary Atcheson, Topeka & Santa Fe Ry. Railway Exch. Bldg., Chicago, Ill., C. F. W. Felt, ch. engr.) 30 x 68 ft. concrete and brick boiler washing plant, here, to Natl. Boiler Washing Co., Ry. Exch. Bldg., Chicago, Ill., approximately $75,000.

Gas Pipe Line—Oklahoma—E. L. Reed, 1321 West 10th St., Oklahoma City, will build 65 mi. gas pipe line from Chickasha to Pauls Valley and distribution system in Pauls Valley, by day labor. $75,000. Private plans.

Transmission Line—Oklahoma—Chickasha Gas & Electric Co., Chickasha, will build 35 mi. transmission line from Verden to Carnegie, by day labor. $30,000. F. D. Shafer, Chickasha, engr.

Swimming Pool—Pasadena, Calif.—See "Buildings—Commercial."

Breakwater, Wharves, etc.—Canada—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Materials

BIDS DESIRED

Crushed Stone—Hartford, Conn.—Nov. 25, by Bd. Contr. & Supply, Municipal Bldg., crushed stone, incl. 30,000 net tons 2 in.; 3,000 net tons 1½ in., 4,000 net tons 1 in., 1,000 net tons ¾ in., 1,000 net tons ½ in. and 12,000 net tons dust, required for 2 year period beginning Jan. 1, 1926.

BIDS RECEIVED

Sand, Paving Blocks, etc. — Brooklyn, N. Y.—J. A. Guider, pres. Brooklyn Boro. Boro Hall, Nov. 11, 200,000 gal. asphaltic cement for asphalt and bituminous mixtures in "A" liquid form, from Standard Oil Co., 26 Bway., New York City, $14,200; 2,000 cu.yd. binder stone, from Calvin Tompkins, 30 Church St., New York City, $5,975; 100 tons limestone from Limestone Products Corp., 17 West 42nd St., New York City, $5,190; 2,000 cu.yd. asphalt sand, from South River Sand Co., Old Bridge Rd., Elizabeth, N. J., $3,600; and 3,000 cu.yd. 1½ broken stone, from J. J. Guinan, 2314 Gravesend Ave., $5,400. Noted Nov. 5.

Sand, Paving Blocks, etc.—New York, N. Y.—J. Miller, pres. Manhattan Boro. Municipal Bldg., Nov. 12, 3,000 cu.yd. asphalt sand, from South River Sand Co., Old Bridge Rd., Elizabeth, N. J., $3,000; 1,000 tons inorganic dust, from Limestone Products Corp., 17 West 42nd St., $5,130; 25,000 special 5 in. granite paving blocks, from Terminal Supply Co., 350 Madison Ave., $3,558; 2,000 cu.yd. ¾ in. binder stone, from Calvin Tompkins Co., 30 Church St., $3,880; and 250,000 gal. asphaltic cement, from Warner Quinlan Co., 79 Wall St., $17,250. Noved Nov. 5.

OFFICIAL PROPOSALS

OFFICIAL PROPOSALS

Bids: Nov. 30.

Bridge

STATE OF NEW JERSEY
STATE HIGHWAY COMMISSION

Trenton, N. J.

Notice is hereby given that sealed bids will be received by the State Highway Commission of New Jersey for:

Construction of a single leaf trunnion bascule bridge providing a 30 ft. clear opening between fenders and two steel encased concrete approach spans 51 ft. 6 in. and 56 ft. 6 in. in length, the bridge to be constructed on concrete piers and abutments founded on timber piling with a 30 ft. clear width of roadway, over Tuckahoe River, at M. P. 29.5 on Route No. 14, in the Counties of Atlantic and Cape May.

Bids for the above will be received at the office of the State Highway Commission, 9th floor Broad Street Bank Building, Trenton, New Jersey, on Monday, November 30th, 1925, at twelve o'clock (12:00 Noon), Standard Time, and will be opened and read immediately thereafter.

Drawings, specifications and form of bid, contract and bond for the proposed work are on file in the office of the State Highway Department, Trenton, New Jersey, and may be inspected by prospective bidders. Plans will be furnished on a deposit of Ten Dollars ($10.00) upon application to the State Highway Department, Room 901, Broad Street Bank Building, Trenton, New Jersey. Bids must be made on the standard proposal forms in the manner designated in the specifications and must be enclosed in sealed special addressed envelopes bearing the name and address of the bidder and name of the bridge on the outside, and must be accompanied by a certified check drawn to the order of the Treasurer of the State of New Jersey for not less than ten per cent (10%) of the amount of the bid, provided that the said certified check shall not be less than $500.00 nor more than $20,000.00 and be delivered at the above place on or before the hour named. Copies of the standard proposal form and special addressed envelopes will be furnished on application. Bids not enclosed in special addressed envelopes will be considered informal and will not be opened.

Each bidder must accompany his bid with a certificate from a surety company duly authorized to do business in this State, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of the said specifications, conditioned for the faithful performance of the provisions of the contract and specifications.

By order of the State Highway Commission.

A. LEE GROVER,
Secretary.

OFFICIAL PROPOSALS

Bids: Nov. 24.

Water Supply System

Lavallette, N. J., November 10, 1925.

Sealed proposals will be received by the Borough of Lavallette, New Jersey, until 8 p.m., November 24, 1925, for furnishing and installing pumping machinery, electrical equipment, piping, etc., for Water Supply System, in accordance with plans and specifications which may be obtained from the Borough Engineers.

The right is reserved to reject any or all bids.

H. A. WHITELOCK,
Borough Clerk.

SHERMAN & SLEEPER,
Borough Engineers,
501 Cooper Street,
Camden, New Jersey.

OFFICIAL PROPOSALS

Bids: Dec. 8.

Refrigeration Work

Dannemora, N. Y.

Sealed proposals for Refrigeration Work—Refrigerating Plant and Cold Storage Rooms, Dannemora State Hospital, Dannemora, N. Y., will be received by Hon. James L. Long, Sup't. of State Prisons, Capitol, Albany, N. Y., until 12 o'clock, noon, on Tuesday, December 8th, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into the contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in the State of New York, and made payable to the State of New York, (or money), equal to 5% of the amount of proposal. The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent. (50%) of the amount of contract within thirty days after official notice of award of contract and in accordance with the terms of Specification No. 4631. The right is reserved to reject any or all bids. Drawings and specifications may be examined at Dannemore State Hospital, Dannemora, N. Y., at the New York Office of the Department of Architecture, 18th floor, Fuller Building, Broadway and 23rd Street; and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained by persons or firms engaged in the line of work required at the discretion of the Architect from the Department of Architecture, Capitol, Albany, N. Y. Dated: October 26, 1925.

(Continued on following page)

OFFICIAL PROPOSALS

(Continued from preceding page)

Bids: Dec. 11.

Tennessee Highway Letting

Nashville, Tenn.

SEALED BIDS will be received by the State of Tennessee, Department of Highways & Public Works, at their offices in Nashville, Tennessee, until Friday, December 11th, 1925, and opened publicly at ten o'clock A.M. for the construction of:

Project 31-A, Tipton County, 9.86 miles plain cement concrete pavement with alternate of bituminous concrete on cement concrete base.

Project 31-B, Tipton County, 7.37 miles plain cement concrete pavement with alternate bituminous concrete on cement concrete base.

Project 36-B, Shelby County, 2.14 miles grading and drainage. Three bridges over 20' of span.

Project 40-A, Giles County, 7.17 miles grading, drainage, plain cement concrete pavement, with alternate bituminous concrete on cement concrete base, bituminous macadam on macadam base, and rock asphalt on macadam base, with two bridges over 20' of span.

Project 40-B, Maury County, 12.56 miles grading, drainage, and plain cement concrete pavement with alternate bituminous concrete on cement concrete base, bituminous macadam on macadam base, and rock asphalt on macadam base.

Project 40-C, Giles County, 9.19 miles grading, drainage, and plain cement concrete pavement with alternate bituminous concrete surface on cement concrete base, and two bridges over 20' of span.

Project 51-D, Madison County, 7.89 miles grading, and drainage.

Project 55-A, Anderson County, 9.45 miles grading and drainage and four bridges over 20' of span.

Project 58-A, Bradley County. 10.85 miles grading and drainage.

Project 192-B, Polk County, fabricated structural steel and reinforced concrete bridge over Conasauga River.

Project 301-A, Polk County, 1.49 miles grading and drainage.

Project 302-B, Dyer County, grade separation structure over Illinois Central Railroad.

Project 308-A, Montgomery County, 3.68 miles grading and drainage, and three bridges over 20' of span.

Project 309-A, Sullivan County, 4.89 miles grading and drainage and two bridges over 20' of span.

Project 310-A, Unicoi County. 6.33 miles grading and drainage.

Project 313-A, Loudon County, 4.20 miles grading and drainage.

Project 315-A, Perry County, 8.00 miles grading and drainage.

Bidder's bond or certified check in amount of not less than five per cent total bid required as proposal guarantee. Plans for structures furnished at cost. Deposit $1.00 required for each proposal. For further information communicate with Department offices at Nashville, Tennessee.

C. N. BASS,
Assistant Commissioner.

Bids: Dec. 7.

Sewer Extension

Jackson, Mich.

Sealed proposals will be received by the City Clerk of the City of Jackson, Michigan, up to 12 o'clock noon, Eastern Standard Time, of Monday, the seventh day of December, 1925, for the construction of the High Level Intercepting Sewer Extension, consisting of the following approximate quantities:

5,800 lineal feet of 48-inch sewer.
1,800 lineal feet of 30-inch sewer.

together with manholes, appurtenances, special structures and miscellaneous sewer connections.

The plans and specifications under which the work is to be done may be examined at the office of the City Clerk or of the City Engineer at Jackson, and copies may be obtained for bidding purposes by making a deposit of Ten Dollars, which will be refunded upon their return in good condition within ten days after the date of receiving proposals.

A certified check in an amount equal to five per cent of the total amount of the proposal will be required.

The right to accept any proposal, to reject any or all proposals and to waive defects in proposals, is reserved by the city.

J. E. WHITTAKER,
City Manager.

Bids: Nov. 20.

Bridge Work

Jacksonville, Fla.

Sealed proposals to be filed with Frank Brown, Clerk, Room 101, County Court House, Jacksonville, Duval County, Florida, will be received up to 10 o'clock a.m., Friday, November 20, 1925, for the construction of four additional new concrete highway spans to the McGirt's Creek Bridge now under construction, on Orange Park Road, No. 5, over McGirt's Creek, Duval County, Florida. These approach spans are to be constructed under the Duval County Bond Issue of 1925.

Bids will be received for the construction of the new four spans under one contract. The four new spans will have a total length of 164 feet, consisting of four 41-foot reinforced concrete deck girder spans, with a 28-foot roadway and two 5-foot sidewalks and will connect with the new McGirt's Creek Bridge now under construction, and the McGirt's Creek Bridge abutments and approaches, forming a part of the approaches and will form a part of the approaches to the Jacksonville and Ortega shores of McGirt's Creek. The four new spans contain approximately 638 cubic yards of reinforced concrete, 63,000 pounds of reinforcing steel, and 4,400 linear feet of wooden piles.

Bids will be accompanied by a certified check, drawn upon a local bank, made payable to J. F. Hammond, Chairman of the Board of County Commissioners, or money. Such certified check or money shall be in the sum of 5 per cent of the bid, to be forfeited as liquidated damages (not penalty) by any bidder who is awarded the contract and who fails promptly to execute contract and bond. The certified check or money will be returned to bidders upon execution of the contract and bond, or sooner upon action of the commissioners.

A bond satisfactory to the commissioners for 50 per cent of the total contract price will be required, which must be executed by a resident agent in Duval County, representing a Surety Company, authorized to do business in the State of Florida, and otherwise satisfactory to the County. The contract may be awarded to the lowest responsible and competent bidder but the Board of County Commissioners reserves the right to reject any and all bids and to waive informalities. Bids shall be based upon the plans and specifications of the Bridge Engineer, copies of which may be secured at the office of T. B. Carrick, County Bridge Engineer, Jacksonville, Fla., by depositing $50.00, which sum will be returned in full if plans and specifications are returned in good order within thirty days of the date of opening bids. Plans and specifications may be examined in the County Engineer's Office at any time.

J. F. HAMMOND,
By order of the Board Chairman.
Attest:
FRANK BROWN, Clerk,
Nov. 2, 1925.

Bids: January 4.

Bridge Over Mobile Bay

MOBILE BAY BRIDGE COMPANY

Mobile, Ala.

Sealed bids will be received by the Mobile Bay Bridge Company, to be filed in the company's office in the Meaher Building, Mobile, to be publicly opened in the rooms of the Chamber of Commerce of Mobile, at 2:30 p. m., Monday, January 4, 1926; for the construction complete of the Bridge over Mobile Bay (excepting the earth work, embankment, dredging and pavement).

The structure includes: A bridge over the Mobile River comprising four through riveted truss spans; one 175 ft., two 225 ft., and a vertical lift span 320 ft. long, with piers of concrete supported by wooden piles. A bridge over the Tensaw-Spanish River comprising five through truss spans 200 ft. long, one of which shall be vertical lift span, with piers of concrete supported on wooden piles. A bridge over the Apalachee River 1,400 ft. long, a bridge over the Blakely River, 1,100 ft. long. These bridges and portions of the structures adjacent to the Mobile River Bridge and the Tensaw-Spanish River Bridge, and over the L. and N. Railroad, shall be of steel girder beam and concrete pile trestles, constructed of precase concrete piles. The structures throughout will provide a 20 ft. roadway for highway traffic on a reinforced concrete floor slab. The Mobile River Bridge includes about 1,200 tons of superstructure metalwork, 840 cubic yards of superstructure concrete, 4,500 cubic yards of substructure. The Tensaw-Spanish River Bridge includes 940 tons of superstructure metalwork, 700 cubic yards of superstructure concrete, 4,400 cubic yards of substructure. The girder beam and concrete pile trestle construction includes 750 tons of superstructure metalwork, 2,800 cubic yards of superstructure concrete, and 23,000 linear feet of reinforced concrete piles.

Bids are asked on separate contracts for the substructure of the Mobile River Bridge, for the substructure of the Tensaw-Spanish River Bridge, or for the substructures of both of these bridges under one contract; for the manufacture, erection and completion of the superstructure of the Mobile River Bridge and separately for the superstructure of the Tensaw-Spanish River Bridge, or for a contract including the superstructures of both of these bridges; a contract for the manufacture and delivery of the superstructure metalwork for the girder beam and concrete pile trestles; and a contract for erecting the superstructure metalwork thereof and constructing the girder beam and concrete pile trestles. Bidders may bid on any or all of the contracts.

Each bid shall be accompanied by a certified check on a solvent bank, payable to Mobile Bay Bridge Company, in an amount not less than three per cent of the total of the bid. The Company reserves the right to reject any and all bids and to waive informalities.

Bids shall be based upon plans and specifications in the office of the Mobile Bay Bridge Company, Meaher Building, Mobile, Alabama, and in the office of Harrington, Howard and Ash, Consulting Engineers, in Kansas City and New York. Copies of the plans and specifications may be secured from the Consulting Engineers by making the following deposits. All plans and specifications shall be returned and the following refunds made. For complete plans, deposit $50.00, refund $25.00; for plans of superstructures of Mobile River and Tensaw-Spanish River bridges, deposit $25.00, refund $10.00; for plans of all substructures and all girder beam and concrete pile trestles, deposit $25.00, refund $10.00.

A bond of a surety company or other bond satisfactory to the Company and upon the form accompanying the specifications will be required for each contract.

Mobile Bay Bridge Company.
HARRINGTON, HOWARD and ASH,
Consulting Engineers.

Bids: Dec. 7.

Bridge

CONTRACT NO. 79
BRONX PARKWAY COMMISSION
Bronxville, N. Y.

Sealed bids for constructing Bronx River Parkway Drive Bridge No. 6 over the Bronx River Parkway Drive at Yonkers Avenue, Yonkers, N. Y., together with retaining walls and other work incidental thereto, will be received by the Bronx Parkway Commission at its office, No. 72 West Pondfield Road, Bronxville, N. Y. until 11:30 a. m. on Monday, December 7th, 1925.

The bridge is a stone faced reinforced concrete frame arch structure, having a span of 41 ft. (perpendicular to the faces of abutments).

Pamphlets containing information for bidders, form of proposal, specifications and contract drawings may be obtained by intending bidders at the above address by depositing $5.00 for each copy of the pamphlet including drawings.

The right is reserved to reject any or all bids.

Bronx Parkway Commission,
JAY DOWNER, Chief Engineer.
Bronxville, N. Y.
November 16, 1925.

Bids: Dec. 1.

Road Work

Elizabeth City, N. C.

Bids desired Dec. 1st by the Pasquotank Highway Commission, Elizabeth City, N. C. S. G. Scott, Chairman, for hardsurfacing Salem and Easlip roadways. Approximately four miles long. Plans and specifications may be seen in the office of the Pasquotank Highway Commission, Elizabeth City, N. C. Plans will be sent upon receipt of ten dollars ($10.00). Rights reserved to reject all bids. J. R. Ford, Engineer, Box 232, Elizabeth City, N. C.